

# 2024-2025 IT Volume Purchase Master Award

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SECTION 1: Ordering Instructions

Agencies should follow the steps below to streamline the ordering of PCs and related peripherals and value-added services under the PC Volume Purchase Master Award.

**Please note:** Requisitions **no longer** need to be sent to the Statewide IT Procurement Office prior to ordering if your orders are placed via E-Procurement. If you do not use E-Procurement, please email a copy of your request to [debbie.patterson@nc.gov](mailto:debbie.patterson@nc.gov) for tracking purposes.

1. Purchase Orders for purchases under this Volume Purchasing Award **must** be sent to the ordering addresses in table below.

| Vendor                                                                                                                                                                                                                                             | Ordering Address                                                                                   | Ordering Contact and Order Status Inquiries                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Dell Marketing L.P.                                                                                                                                                                                                                                | One Dell Way<br>RR8-MS-8741<br>Round Rock, TX 78682                                                | Phone: 512-513-9031<br>Contract: Kris Ross<br>Email: <a href="mailto:Kris_Ross@dell.com">Kris_Ross@dell.com</a>        |
| HP<br><b>(All HP orders should be placed with with one of HP’s designated resellers listed)</b>                                                                                                                                                    | Applied Data Technologies<br><b>(HUB Vendor)</b><br>8515 Crown Crescent Ct.<br>Charlotte, NC 28227 | Phone: 800-267-1419<br>Email: <a href="mailto:NCBulkBuy@AppliedDataTech.com">NCBulkBuy@AppliedDataTech.com</a>         |
|                                                                                                                                                                                                                                                    | CDWG<br>230 N. Milwaukee Ave.<br>Vernon Hills, IL 60061                                            | Phone: 866-819-6497<br>Contact: Joe Barese<br>Email: <a href="mailto:josebar@cdw.com">josebar@cdw.com</a>              |
|                                                                                                                                                                                                                                                    | Netcom Business Solutions<br>2900 Village Drive<br>Fayetteville, NC 28304                          | Phone: 910-486-5040<br>Contact: Todd Jordan<br>Email: <a href="mailto:tjordan@netcombsi.com">tjordan@netcombsi.com</a> |
| Lenovo                                                                                                                                                                                                                                             | 1009 Think Place<br>Morrisville, NC 27560                                                          | Phone: 919-874-2931<br>Contact: Tanika Melvin<br>Email: <a href="mailto:tmelvin@lenovo.com">tmelvin@lenovo.com</a>     |
| Microsoft<br><b>(All Microsoft orders should be placed with one of Microsoft’s designated resellers listed). Microsoft encourages Agencies to check with their 204A/Volume Purchase resellers for additional pricing discounts (if available).</b> | Applied Data Technologies<br><b>(HUB Vendor)</b><br>8515 Crown Crescent Ct.<br>Charlotte, NC 28227 | Phone: 800-267-1419<br>Email: <a href="mailto:NCBulkBuy@AppliedDataTech.com">NCBulkBuy@AppliedDataTech.com</a>         |
|                                                                                                                                                                                                                                                    | CDWG<br>230 N. Milwaukee Ave.<br>Vernon Hills, IL 60061                                            | Phone: 866-819-6497<br>Contact: Joe Barese<br>Email: <a href="mailto:josebar@cdw.com">josebar@cdw.com</a>              |

|                       |                                                                                      |                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Microsoft (continued) | Microsoft Store<br>One Microsoft Way<br>Redmond, WA 98052                            | Phone: 866-425-4709<br>Email: <a href="mailto:msncsc@microsoft.com">msncsc@microsoft.com</a>         |
|                       | SHI International Corp.<br>(HUB Vendor)<br>290 Davidson Avenue<br>Somerset, NJ 08873 | Phone: 800-715-3197<br>Email: <a href="mailto:southeastteamgov@shi.com">southeastteamgov@shi.com</a> |

2. When ordering, IT IS CRITICAL THAT YOU INCLUDE ALL OF THE REQUIRED INFORMATION NOTED BELOW ON YOUR PURCHASE ORDER:

| Field                                                       | Instructions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PO Comments                                                 | Reference “NCBB Order and Master Quote 500863”. <b>(Note: Select 204A as Contract number on E-Procurement requisitions.)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Vendor Comments                                             | Provide an email address and phone number of who the Vendor should contact with any questions regarding your purchase order.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Line Item Description for Desktops, Portables, and Monitors | Include Configuration Name exactly as it appears in Section 2 (e.g., Item 1.1 Standard Desktop (256GB SSD)) <u>AND</u> Vendor Part Number from Section 2.<br><br><b>NOTE: Agencies may order any of the Monitor configurations from any of the awarded vendors.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Line Item Description for 2-in-1 Laptop / Tablet            | If you are ordering a 2-in-1 Laptop/Tablet without wireless wide area network (WWAN) capability (e.g., you only require Wi-Fi and no data plan), then your line-item description should include “3.1a 2-in-1 Laptop/Tablet (No WWAN)” AND the Vendor Part Number from Section 2. If you need a 2-in-1 Laptop/Tablet with WWAN capability from either AT&T, Verizon, or T-Mobile, include the appropriate configuration name AND Vendor Part Number from Section 2. <b>Note that Dell, HP, Lenovo, &amp; Microsoft may have different Vendor Part Numbers for the four configuration options under the 2-in-1 Laptops / Tablets Segment. When ordering a WWAN model of the 2-in-1 Laptop/Tablet, note in the line-item description if Agency is requesting the AT&amp;T, T-Mobile, or Verizon model.</b><br><b>To obtain AT&amp;T, T-Mobile, or Verizon data service for your 2-in-2 Laptop/Tablet, you should use the 915A IT Statewide Term Contract for Cellular Services.</b> |
| Line Item Description for Options                           | The Awarded Pricing list in Section 2 includes Options that are available for Vendors’ awarded configurations. Be sure to include in the line-item description the Option Item Description (e.g., Nylon Carrying Case) and Vendor Part Number as they appear in this document. <b>Please closely review the listed Option items to make sure you are ordering the correct Option for the Desktop, Portable, or 2-in-1 Laptop / Tablet configuration and Vendor that are listed on your requisition.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Special Instructions or Order Status Inquiries              | Just like any other normal procurement, if you have specific delivery instructions or delivery requirements (e.g., no loading dock, inside delivery required), you must include them in the Vendor Comments on your Purchase Orders. <b>Also, please contact the appropriate awarded vendor and notify them of any special delivery requirements.</b> If you have multiple ship-to locations on your purchase orders, please contact the awarded vendor to ensure that the order is correctly designated in the Vendor’s system.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

3. **Warranty Information:** All configurations in the Desktop, Portable, and 2-in-1 Laptop/Tablet Segments come standard with a 3-Year, Next Business Day On-Site with Defective Hard Drive Retention Warranty. If you wish to purchase an extended or upgraded warranty, then you will need to select the applicable extended/upgraded warranty option from the list of Options for the applicable model and add it as an additional line item on your requisition. Be sure to include in the Line-Item Description the Option Item Description (e.g., 4th Year Next Business Day, On-site w/hard drive retention warranty) and Vendor Part Number as they appear in this document. **Please note: Dell will add the cost of an extended warranty into the total cost of the device when it is invoiced. The extended warranty options will not be a separate line item on Dell's invoices. Agencies should contact Dell to get a quote for the device with any extended or upgraded warranty included in the pricing.**

All configurations in the Monitors Segment come standard with a 3-Year, Advanced Exchange NBD warranty. There are no upgrade or extended warranty options for monitors under this award.

4. **Operating System Information:** All Dell, HP, Lenovo, and Microsoft Device Configurations ship with Windows 11 Pro 64-Bit ONLY.

5. **Resource Media:** Agencies may download Resource Media from the Vendors' websites.

- For Dell – Go to [www.dell.com/support](http://www.dell.com/support)
- For HP – Agencies can download individual drivers at [www.hp.com](http://www.hp.com). They can download groups of drivers using the Softpaq Program [http://ftp.hp.com/pub/caps-softpaq/cmit/HP\\_Driverpack\\_Matrix\\_x64.html](http://ftp.hp.com/pub/caps-softpaq/cmit/HP_Driverpack_Matrix_x64.html) or the entire CD via the HP Software site.
- For Lenovo – Go to <https://pcsupport.lenovo.com/us/en/lenovorecovery>
- For Microsoft - Go to <https://docs.microsoft.com/en-us/surface/contact-surface-support?tabs=online>

6. **Value Added Services:** If you are ordering any of the Value-Added Services such as Custom Imaging, Asset Tagging, Installation, or Managed Logistics / Staggered Delivery, then you must contact the Vendor prior to issuing your purchase order. These Value-Added Services require the Agency to provide the Vendor with additional information in advance (e.g., Agency must provide Vendor with their Pre-Certified Custom Image and / or Asset Tags). There is additional order processing time involved with the initial set-up and testing of a Custom Image and Asset Tagging. See Table 1 below for Vendor Part Numbers and Not-To-Exceed unit pricing for Value Added Services available under this award. **Additional Value-Added Services may be offered by the Vendors upon request.**

|                                              | Dell               |                                         | HP                 |                            | Lenovo             |                                         | Microsoft                                                                                                                           |                            |
|----------------------------------------------|--------------------|-----------------------------------------|--------------------|----------------------------|--------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Value Added Service Option                   | Vendor Part Number | Volume Purchase Unit Price              | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price              | Vendor Part Number                                                                                                                  | Volume Purchase Unit Price |
| Custom Imaging                               | 366-0330           | \$17.98                                 | ADT1001            | \$10.00                    | Contact<br>Lenovo  | \$19.00                                 | <b>** Agencies should contact Microsoft reseller for quotes on any Value-Added Services requested with their product purchases.</b> |                            |
| Asset Tags                                   | 366-0331           | \$14.98                                 | ADT1002            | \$5.00                     | Contact<br>Lenovo  | \$6.00                                  |                                                                                                                                     |                            |
| Installation                                 | TBD                | TBD -<br>Contact<br>Vendor for<br>Quote | ADT1003            | \$30.00                    | TBD – SOW<br>based | TBD -<br>Contact<br>Vendor for<br>Quote |                                                                                                                                     |                            |
| Managed Logistics<br>/ Staggered<br>Delivery | TBD                | TBD -<br>Contact<br>Vendor for<br>Quote | ADT1004            | \$1.00                     | TBD – SOW<br>based | TBD -<br>Contact<br>Vendor for<br>Quote |                                                                                                                                     |                            |

Table 1: Value Added Services Vendor Part Numbers and Not-To-Exceed Unit Prices

7. **Order Delivery:** The standard delivery for orders issued under the Volume Purchase is within 21 days after Vendor's receipt of purchase order. **Please note: Occasional worldwide component shortages may cause shipping delays for devices and certain options (specifically laptops, monitors, and docking stations).**
8. **Volume Purchase Master Award and Volume Purchase Procedures:** The most current versions of the Volume Purchase Master Award and Volume Purchase Procedures are located at the following website: <http://it.nc.gov/statewide-programs/it-volume-purchasing>. The Volume Purchase Master Award is updated frequently due to Vendor product updates, so please use the most current version of the Volume Purchase Master Award posted on this site when placing an order.
9. **Questions:** Please email Beverly Satterfield at [beverly.satterfield@nc.gov](mailto:beverly.satterfield@nc.gov) if you have any additional questions or issues. If you have an issue or question about an existing order, please include your purchase order number and the order date in your email.

SECTION 2: PC Volume Purchase Master Award 500863 Pricing

The 2045-2025 PC Volume Purchase has been awarded to multiple vendors. Agencies may select from any of the listed awarded vendors within a Segment when making their purchase selection. (Items highlighted in green denote lowest cost model).

Desktop and Workstation Model and Options Pricing

| Desktop and Workstation Models |             |                                                              | Dell               |                            | HP                 |                            | Lenovo             |                            |
|--------------------------------|-------------|--------------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|
| Segment                        | Item Number | Configuration                                                | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| Desktops                       | 1.1         | Standard Desktop (256GB SSD)                                 | 3000188582118      | \$538.00                   | 11ANCVP25          | \$594.00                   | 12U7S07J00         | \$555.00                   |
|                                | 1.2         | Mid-Range Desktop                                            | 3000188582505      | \$775.00                   | 12ANCVP25          | \$773.00                   | 12U7S07K00         | \$770.00                   |
|                                | 1.3         | Workstation 1 (i7 Proc, 8GB Video, 64GB Memory, 1TB SSD)     | 3000190754410      | \$1,242.00                 | 13ANCVP25          | \$1,464.00                 | 30GUSGSB00         | \$1,630.00                 |
|                                | 1.4         | Workstation 2 (i9 Proc, 16GB Video, 64GB Memory, 1TB SSD)    | 3000190754290      | \$1,725.00                 | 14ANCVP25          | \$1,984.00                 | 30GUSGSC00         | \$2,190.00                 |
|                                | 1.5         | Micro/Tiny Desktop (Intel i3 Proc, 512GB SSD)                | 3000189382377      | \$532.00                   | 15ANCVP25          | \$598.00                   | 12TES2R800         | \$550.00                   |
|                                | 1.6         | Micro/Tiny Desktop (Intel i5 Proc, 512GB SSD, Wireless card) | 3000189382199      | \$625.00                   | 16ANCVP25          | \$700.40                   | 12TES2R700         | \$660.00                   |

| Desktop and Workstation Options |             |                                                                     | Dell                    |                            | HP                 |                            | Lenovo                                   |                            |
|---------------------------------|-------------|---------------------------------------------------------------------|-------------------------|----------------------------|--------------------|----------------------------|------------------------------------------|----------------------------|
| Configuration                   | Item Number | Peripheral Option Description                                       | Vendor Part Number      | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                       | Volume Purchase Unit Price |
| Standard Desktop                | 1.07        | 16.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774044                | \$113.00                   | 4M9Y0AA            | \$199.08                   | 4X71K53891                               | \$168.00                   |
| Mid-Range Desktop               | 1.08        | 16.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774044                | \$113.00                   | 4M9Y0AA            | \$199.08                   | 4X71K53891                               | \$168.00                   |
| Tiny/Micro Desktop              | 1.09        | 16.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774048                | \$113.00                   | 4M9Y5AA            | \$199.08                   | 4X71K20069                               | \$168.00                   |
| Standard Desktop                | 1.10        | 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774043                | \$192.00                   | 4M9Y2AA            | \$361.62                   | 4X71K53892                               | \$248.00                   |
| Mid-Range Desktop               | 1.11        | 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774043                | \$192.00                   | 4M9Y2AA            | \$361.62                   | 4X71K53892                               | \$248.00                   |
| Workstation 1                   | 1.12a       | 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774043                | \$192.00                   | 4M9Y2AA            | \$361.62                   | 4X71N34265                               | \$248.00                   |
| Workstation 2                   | 1.12b       | 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774043                | \$192.00                   | 4M9Y2AA            | \$361.62                   | 4X71N34265                               | \$248.00                   |
| Tiny/Micro Desktop              | 1.13        | 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774046                | \$192.00                   | 4M9Y7AA            | \$361.62                   | 4X71K20070                               | \$248.00                   |
| Workstation 1                   | 1.14a       | 64.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774046 X2             | \$402.00                   |                    |                            |                                          |                            |
| Workstation 2                   | 1.14b       | 64.0GB Non-ECC DDR SDRAM Memory (1 DIMM)                            | AC774046 X2             | \$402.00                   |                    |                            |                                          |                            |
| Tiny/Micro Desktop              | 1.15        | Micro VESA Mount with adapter box                                   | 452-BDUY                | \$20.00                    | 99T55AA            | \$50.40                    |                                          |                            |
| Tiny/Micro Desktop              | 1.16        | Micro All-in-One Stand                                              | 452-BDUB                | \$65.00                    | G1V61AA            | \$143.38                   | 4XF0L72015                               | \$105.60                   |
|                                 |             |                                                                     |                         |                            |                    |                            |                                          |                            |
| Standard Desktop                | 1.17        | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U11C1E             | \$24.38                    | 5WS0W86756+5PS0D80974 (order both parts) | \$50.40                    |
| Mid-Range Desktop               | 1.18        | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U11C1E             | \$24.38                    | 5WS0W86756+5PS0D80974 (order both parts) | \$50.40                    |

| Desktop and Workstation Options |             |                                                                     | Dell                    |                            | HP                 |                            | Lenovo                                   |                            |
|---------------------------------|-------------|---------------------------------------------------------------------|-------------------------|----------------------------|--------------------|----------------------------|------------------------------------------|----------------------------|
| Configuration                   | Item Number | Peripheral Option Description                                       | Vendor Part Number      | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                       | Volume Purchase Unit Price |
| Workstation 1 & 2               | 1.19        | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U1G56E             | \$21.20                    | 5WS0W86700+5PS0Q11739 (order both parts) | \$41.60                    |
| Tiny/Micro Desktop              | 1.20        | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U11C1E             | \$21.20                    | 5WS0W86756+5PS0D80974 (order both parts) | \$50.40                    |
|                                 |             |                                                                     |                         |                            |                    |                            |                                          |                            |
| Standard Desktop                | 1.21        | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U11C2E             | \$41.34                    | 5WS0W86663+5PS0K26186 (order both parts) | \$106.40                   |
| Mid-Range Desktop               | 1.22        | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U11C2E             | \$41.34                    | 5WS0W86663+5PS0K26186 (order both parts) | \$106.40                   |
| Workstation 1 & 2               | 1.23        | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U1G57E             | \$40.28                    | 5WS0W86759+5PS0Q11741 (order both parts) | \$90.40                    |
| Tiny/Micro Desktop              | 1.24        | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U11C2E             | \$41.34                    | 5WS0W86663+5PS0K26186 (order both parts) | \$106.40                   |



Portable/Laptop Model and Options Pricing

| Portable/Laptop Models |                    |                                                           | Dell               |                            | HP                 |                            | Lenovo             |                            | Microsoft           |                                                                                                              |
|------------------------|--------------------|-----------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|---------------------|--------------------------------------------------------------------------------------------------------------|
| Segment                | Item Number        | Configuration                                             | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number  | Volume Purchase Unit Price                                                                                   |
| Portables              | 2.1a - (256GB)     | Standard Laptop (Intel, Non-Touchscreen, 256GB SSD)       | 3000190430281      | \$742.00                   | 21ANCVP25          | \$740.00                   | 21M8S20K00         | \$769.00                   |                     |                                                                                                              |
|                        | 2.1b – (512GB)     | Standard Laptop (Intel, Non-Touchscreen, 512GB SSD)       | 3000190430456      | \$762.00                   | 21BNCVP25          | \$760.00                   | 21M8S20N00         | \$779.00                   |                     |                                                                                                              |
|                        | 2.2a – (256GB)     | Standard Laptop (Intel, Touchscreen, 256GB SSD)           | 3000190430602      | \$778.00                   | 22ANCVP25          | \$777.00                   | 21M8S20M00         | \$810.00                   |                     |                                                                                                              |
|                        | 2.2a – (256GB)-ALT | ALTERNATE Standard Laptop (Intel, Touchscreen, 256GB SSD) |                    |                            |                    |                            |                    |                            | Must Order ≥ Parts: | \$1,301.51<br><br>ZGV-00001 – \$1,011.99 (Laptop)<br><br>ZWL-00042 - \$289.52 (3YR. Warranty)                |
|                        | 2.2b – (512GB)     | Standard Laptop (Intel, Touchscreen, 512GB SSD)           | 3000190430813      | \$798.00                   | 22BNCVP25          | \$796.00                   | 21M8S20L00         | \$835.00                   | Must Order ≥ Parts: | Black Model: \$2,129.51<br><br>ZLQ-00001 – \$1,839.99 (Laptop)<br><br>ZWL-00042 - \$289.52 (3YR Warranty)    |
|                        |                    |                                                           |                    |                            |                    |                            |                    |                            | Must Order ≥ Parts: | Platinum Model: \$2,129.51<br><br>ZLQ-00026 – \$1,839.99 (Laptop)<br><br>ZWL-00042 - \$289.52 (3YR Warranty) |

| Portable/Laptop Models |                    |                                                                      | Dell               |                            | HP                 |                            | Lenovo             |                            | Microsoft                                         |                                                                                                                               |
|------------------------|--------------------|----------------------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Segment                | Item Number        | Configuration                                                        | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                                | Volume Purchase Unit Price                                                                                                    |
| Portables              | 2.2b – (512GB)-ALT | ALTERNATE Standard Laptop (Intel, Touchscreen, 512GB SSD)            |                    |                            |                    |                            |                    |                            | Must Order 2 Parts:                               | <b>\$1,669.51</b><br><br>ZGZ-00001 – \$1,379.99 (Laptop)<br><br>ZWL-00042 - \$289.52 (3YR Warranty)                           |
|                        | 2.3a               | High End Laptop 1 (Intel Processor, non-vPro, Non-Touchscreen)       | 3000188830907      | \$905.00                   | 23ANCVP25          | \$904.00                   | 21L4S3DA00         | \$940.00                   |                                                   |                                                                                                                               |
|                        | 2.3b               | High End Laptop 1 (Intel Processor, non-vPro, Touchscreen)           | 3000188831186      | \$962.00                   | 23BNCVP25          | \$960.00                   | 21L4S3DB00         | \$1,010.00                 | Must Order 2 Parts:<br><br><u>Black Model:</u>    | <u>Black Model:</u><br><b>\$2,681.51</b><br><br>ZLU-00001 – \$2,391.99 (Laptop)<br><br>ZWL-00042 - \$289.52 (3YR Warranty)    |
|                        |                    |                                                                      |                    |                            |                    |                            |                    |                            | Must Order 2 Parts:<br><br><u>Platinum Model:</u> | <u>Platinum Model:</u><br><b>\$2,681.51</b><br><br>ZLQ-00026 – \$2,391.99 (Laptop)<br><br>ZWL-00042 - \$289.52 (3YR Warranty) |
|                        | 2.3b-ALT           | ALTERNATE High End Laptop 1 (Intel Processor, non-vPro, Touchscreen) |                    |                            |                    |                            |                    |                            | Must Order 2 Parts:                               | <b>\$2,313.51</b><br><br>ZHR-00001 - \$2,023.99 (Laptop)<br><br>ZWL-00042 - \$289.52 (3YR Warranty)                           |
|                        | 2.4a               | High End Laptop 2 (Intel Processor, vPro, Non-Touchscreen)           | 3000188922394      | \$948.00                   | 24ANCVP25          | \$987.00                   | 21L4S3DC00         | \$970.00                   |                                                   |                                                                                                                               |

| Portable/Laptop Models |             |                                                                                | Dell               |                            | HP                 |                            | Lenovo             |                            | Microsoft                                                      |                                                                                                                 |
|------------------------|-------------|--------------------------------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Segment                | Item Number | Configuration                                                                  | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                                             | Volume Purchase Unit Price                                                                                      |
| Portables              | 2.4b        | High End Laptop 2 (Intel Processor, vPro, Touchscreen)                         | 3000188922635      | \$999.00                   | 24BNCVP25          | \$1020.00                  | 21L4S3D900         | \$1,040.00                 |                                                                |                                                                                                                 |
|                        | 2.5a        | Elite Laptop 1 (Intel i7 vPro, 6GB Video, 32GB Memory, 512GB SSD, Non-Touch)   | 3000188671968      | \$1,202.00                 | 25ANCVP25          | \$1303.00                  | 21KTS25300         | \$1,320.00                 |                                                                |                                                                                                                 |
|                        | 2.5b        | Elite Laptop 1 (Intel i7 vPro, 6GB Video, 32GB Memory, 512GB SSD, Touchscreen) | 3000188673163      | \$1,262.00                 | 25BNCVP25          | \$1333.00                  | 21KTS25200         | \$1,400.00                 |                                                                |                                                                                                                 |
|                        | 2.6a        | Elite Laptop 2 (Intel i9 vPro, 8GB Video, 32GB Memory, 1TB SSD, Non-Touch)     | 3000180117053      | \$1,781.00                 | 26ANCVP25          | \$1833.00                  | 21KWS31K00         | \$2,230.00                 |                                                                |                                                                                                                 |
|                        | 2.6b        | Elite Laptop 2 (Intel i9 vPro, 8GB Video, 32GB Memory, 1TB SSD, Touchscreen)   | 3000180117109      | \$1,818.00                 | 26BNCVP25          | \$1854.00                  | 21KYS2HF00         | \$2,140.00                 |                                                                |                                                                                                                 |
|                        | 2.7a        | Elite Laptop 3 (Intel i9 vPro, 12GB Video, 64GB Memory, 1TB SSD, Non-Touch)    | 3000180117172      | \$2,363.00                 | 27ANCVP25          | \$3154.80                  | 21FBSD5H00         | \$2,719.00                 |                                                                |                                                                                                                 |
|                        | 2.7b        | Elite Laptop 3 (Intel i9 vPro, 12GB Video, 64GB Memory, 1TB SSD, Touchscreen)  | 3000180117217      | \$2,502.00                 | 27BNCVP25          | \$3231.60                  | 21FBSD5J00         | \$3,000.00                 |                                                                |                                                                                                                 |
|                        |             |                                                                                |                    |                            |                    |                            |                    |                            | Must Order 2 Parts:<br><br>Platinum Model:<br><br>Black Model: | Platinum Model:<br>\$2,313.51<br><br>ZJZ-00026 – \$2,023.99 (Laptop)<br><br>ZWL-00042 - \$289.52 (3YR Warranty) |
|                        | 2.8a        | Ultralight Laptop (non-vPro)                                                   | 3000188931383      | \$978.00                   | 28ANCVP25          | \$1166.40                  | 21LVS40Y00         | \$1,085.00                 |                                                                |                                                                                                                 |
|                        | 2.8b        | Ultralight Laptop (Intel vPro)                                                 | 3000188583729      | \$1,050.00                 | 28BNCVP25          | \$1258.80                  | 21LVS40X00         | \$1,190.00                 |                                                                |                                                                                                                 |

| Portable/Laptop Options |             |                                            | Dell               |                            | HP                 |                             | Lenovo                       |                             | Microsoft          |                            |
|-------------------------|-------------|--------------------------------------------|--------------------|----------------------------|--------------------|-----------------------------|------------------------------|-----------------------------|--------------------|----------------------------|
| Configuration           | Item Number | Peripheral Option Description              | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price  | Vendor Part Number           | Volume Purchase Unit Price  | Vendor Part Number | Volume Purchase Unit Price |
| Standard Laptop         | 2.09        | 32.0GB DDR SDRAM Memory (1 DIMM)           | AC774046           | \$200.00                   | 83P91AA x 2        | \$126.00 (per memory stick) | 4X71N41633 x 2               | \$168.00 (per memory stick) |                    |                            |
| High End Laptop 1       | 2.10a       | 32.0GB DDR SDRAM Memory (1 DIMM)           | AC774046           | \$200.00                   | 83P92AA            | \$268.38                    | 4X71M23189                   | \$320.00                    |                    |                            |
| High End Laptop 2       | 2.10b       | 32.0GB DDR SDRAM Memory (1 DIMM)           | AC774046           | \$200.00                   | 83P92AA            | \$268.38                    | 4X71M23189                   | \$320.00                    |                    |                            |
| Elite Laptop 1          | 2.11a       | 32.0GB DDR SDRAM Memory (1 DIMM)           | AC774046           | \$200.00                   | 83P92AA            | \$268.38                    | 4X71M23189                   | \$320.00                    |                    |                            |
| Elite Laptop 2          | 2.11b       | 32.0GB DDR SDRAM Memory (1 DIMM)           | AC774046           | \$200.00                   | 83P92AA            | \$268.38                    | 4X71Q25456 (model 2.6a only) | \$328.00                    |                    |                            |
|                         |             |                                            |                    |                            |                    |                             | 4X71M23189 (model 2.6b only) | \$320.00                    |                    |                            |
| Standard Laptop         | 2.12        | 64.0GB DDR SDRAM Memory (1 DIMM or 2 DIMM) | AC774046 X2        | \$400.00                   |                    |                             |                              |                             |                    |                            |
| High End Laptop 1       | 2.13a       | 64.0GB DDR SDRAM Memory (1 DIMM or 2 DIMM) | AC774046 X2        | \$400.00                   |                    |                             |                              |                             |                    |                            |
| High End Laptop 2       | 2.13b       | 64.0GB DDR SDRAM Memory (1 DIMM or 2 DIMM) | AC774046 X2        | \$400.00                   |                    |                             |                              |                             |                    |                            |
| Elite Laptop 1          | 2.14a       | 64.0GB DDR SDRAM Memory (1 or 2 DIMM)      | AC774046 X2        | \$400.00                   |                    |                             |                              |                             |                    |                            |

| Portable/Laptop Options   |             |                                           | Dell               |                            | HP                 |                            | Lenovo                          |                            | Microsoft          |                            |
|---------------------------|-------------|-------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|---------------------------------|----------------------------|--------------------|----------------------------|
| Configuration             | Item Number | Peripheral Option Description             | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number              | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| Elite Laptop 2            | 2.14b       | 64.0GB DDR SDRAM Memory (1 DIMM)          | AC774046 X2        | \$400.00                   |                    |                            | 4X71Q25457<br>(model 2.6a only) | \$640.00                   |                    |                            |
| Elite Laptop 3            | 2.14c       | 64.0GB DDR SDRAM Memory (1 DIMM)          | AC774046 X2        | \$400.00                   |                    |                            | 4X71Q25457                      | \$640.00                   |                    |                            |
| Elite Laptop 3            | 2.15        | 128.0GB DDR SDRAM Memory (1 DIMM)         | 370-AHFR           | \$1,425.00                 |                    |                            |                                 |                            |                    |                            |
|                           |             |                                           |                    |                            |                    |                            |                                 |                            |                    |                            |
| Standard Laptop           | 2.16        | Port Replicator (Docking Station)         | 210-BRPX           | \$150.00                   | 5TW10AA            | \$141.75                   | 40AY0090US                      | \$176.00                   |                    |                            |
| High End Laptop 1         | 2.17a       | Port Replicator (Docking Station)         | 210-BRPX           | \$150.00                   | 5TW10AA            | \$141.75                   | 40AY0090US                      | \$176.00                   |                    |                            |
| High End Laptop 2         | 2.17b       | Port Replicator (Docking Station)         | 210-BRQK           | \$166.00                   | 5TW10AA            | \$141.75                   | 40AY0090US                      | \$176.00                   |                    |                            |
| Elite Laptop 1            | 2.18a       | Port Replicator (Docking Station)         | 210-BRQK           | \$166.00                   | 4J0A2AA            | \$199.50                   | 40B00300US                      | \$270.00                   |                    |                            |
| Elite Laptop 2            | 2.18b       | Port Replicator (Docking Station)         | 210-BRQK           | \$166.00                   | 4J0A2AA            | \$199.50                   | 40B00300US                      | \$270.00                   |                    |                            |
| Elite Laptop 3            | 2.18c       | Port Replicator (Docking Station)         | 210-AZBN           | \$181.00                   | 4J0G4AA            | \$232.05                   | 40B00300US                      | \$270.00                   |                    |                            |
| Ultralight Laptop         | 2.19        | Port Replicator (Docking Station)         | 210-BRQK           | \$166.00                   | 5TW10AA            | \$141.75                   | 40AY0090US                      | \$176.00                   |                    |                            |
| All Laptop Configurations | 2.20        | USB/Thunderbolt Universal Docking Station | 210-BRQK           | \$166.00                   | 4J0A2AA            | \$199.50                   | 40B00135US                      | \$224.00                   | T8I-00001          | \$263.99                   |

| Portable/Laptop Options   |             |                                                                                    | Dell               |                            | HP                 |                            | Lenovo             |                            | Microsoft          |                            |
|---------------------------|-------------|------------------------------------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|
| Configuration             | Item Number | Peripheral Option Description                                                      | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
|                           |             |                                                                                    |                    |                            |                    |                            |                    |                            |                    |                            |
| Standard Laptop           | 2.21        | USB-C AC Adapter/Power Supply                                                      | 492-BDQM           | \$30.00                    | 1P3K6AA            | \$32.55                    | 4X20M26268         | \$36.00                    |                    |                            |
| High End Laptop 1         | 2.22a       | USB-C AC Adapter/Power Supply                                                      | 492-BDQM           | \$30.00                    | 1P3K6AA            | \$32.55                    | 4X20M26268         | \$36.00                    |                    |                            |
| High End Laptop 2         | 2.22b       | USB-C AC Adapter/Power Supply                                                      | 492-BDKM           | \$40.00                    | 1P3K6AA            | \$32.55                    | 4X20M26268         | \$36.00                    |                    |                            |
| Elite Laptop 1            | 2.23a       | USB-C AC Adapter/Power Supply                                                      | 492-BDKM           | \$40.00                    | 8B3Y2UT            | \$57.96                    |                    |                            |                    |                            |
| Elite Laptop 2            | 2.23b       | USB-C AC Adapter/Power Supply                                                      | 450-AHOM           | \$49.00                    |                    |                            |                    |                            |                    |                            |
| Elite Laptop 3            | 2.23c       | USB-C AC Adapter/Power Supply                                                      |                    |                            |                    |                            |                    |                            |                    |                            |
| Elite Laptop 1            | 2.24a       | AC Adapter / Power Supply - (traditional 45 degree/right angle or barrel adapters) |                    |                            |                    |                            | 4X21H27800         | \$56.00                    |                    |                            |
| Elite Laptop 2            | 2.24b       | AC Adapter / Power Supply - (traditional 45 degree/right angle or barrel adapters) |                    |                            | 4SC18AA            | \$67.79                    | 4X20S56697         | \$78.00                    |                    |                            |
| Elite Laptop 3            | 2.24c       | AC Adapter / Power Supply - (traditional 45 degree/right angle or barrel adapters) | 492-BDHI           | \$49.00                    | 6E6M1AA            | \$57.33                    | 4X20S56713         | \$110.00                   |                    |                            |
| Ultralight Laptop         | 2.25        | USB-C AC Adapter/Power Supply                                                      | 492-BDQM           | \$30.00                    | 1P3K6AA            | \$32.55                    | 4X20M26268         | \$36.00                    |                    |                            |
|                           |             |                                                                                    |                    |                            |                    |                            |                    |                            |                    |                            |
| All Laptop Configurations | 2.26        | Nylon Carrying Case                                                                | 460-BDKB           | \$20.00                    | 1X645AA            | \$24.04                    | 4X41C12469         | \$23.00                    |                    |                            |

| Portable/Laptop Options   |             |                                                                     | Dell                    |                            | HP                 |                            | Lenovo                                                     |                            | Microsoft          |                            |
|---------------------------|-------------|---------------------------------------------------------------------|-------------------------|----------------------------|--------------------|----------------------------|------------------------------------------------------------|----------------------------|--------------------|----------------------------|
| Configuration             | Item Number | Peripheral Option Description                                       | Vendor Part Number      | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                                         | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| All Laptop Configurations | 2.27        | Ruggedized Case                                                     |                         |                            |                    |                            |                                                            |                            |                    |                            |
| All Laptop Configurations | 2.28        | Laptop Backpack (nylon,water-resistant)                             | 460-BDSW                | \$19.00                    | 1X644AA            | \$29.27                    | 4X40T84059                                                 | \$17.00                    |                    |                            |
| All Laptop Configurations | 2.29        | Cable Lock                                                          | AA549668                | \$25.00                    | T1A62AA            | \$26.25                    | 4XE1B81916                                                 | \$40.00                    |                    |                            |
| All Laptop Configurations | 2.30        | 4-Port USB 3.0 Hub with cable                                       |                         |                            | Z6A00AA            | \$26.46                    | 4X90X21427                                                 | \$29.10                    |                    |                            |
| All Laptop Configurations | 2.31        | USB-C Travel Hub - docking station - USB-C - VGA, HDMI - GigE       | 470-AETL                | \$60.00                    | 86S97UT            | \$50.40                    | 4X90S92381                                                 | \$101.85                   | 1E4-00001          | \$87.99                    |
|                           |             |                                                                     |                         |                            |                    |                            |                                                            |                            |                    |                            |
| Standard Laptop           | 2.32        | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U86E2E             | \$54.06                    | 5WS0W86734+5WS0L13023 (order both parts)                   | \$82.40                    |                    |                            |
| High End Laptop 1 & 2     | 2.33        | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U85GSE             | \$63.60                    | 5WS0W86726+5PS0G79465 (order both parts)                   | \$82.40                    |                    |                            |
| Elite Laptop 1            | 2.34a       | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U85R4E             | \$97.52                    | 5WS1H31743+5PS1H31761 (order both parts)                   | \$81.60                    |                    |                            |
| Elite Laptop 2            | 2.34b       | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U85R4E             | \$97.52                    | 5WS0W86674+5PS0V07106 (model 2.6a only) (order both parts) | \$89.60                    |                    |                            |
|                           |             |                                                                     |                         |                            |                    |                            | 5WS1H31743+5PS1H31761 (model 2.6b only) (order both parts) | \$81.60                    |                    |                            |

| Portable/Laptop Options |             |                                                                     | Dell                    |                            | HP                 |                            | Lenovo                                                     |                            | Microsoft          |                            |
|-------------------------|-------------|---------------------------------------------------------------------|-------------------------|----------------------------|--------------------|----------------------------|------------------------------------------------------------|----------------------------|--------------------|----------------------------|
| Configuration           | Item Number | Peripheral Option Description                                       | Vendor Part Number      | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                                         | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| Elite Laptop 3          | 2.34c       | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U85R4E             | \$97.52                    | 5WS0W86674+5PS0V07106 (order both parts)                   | \$89.60                    |                    |                            |
| Ultralight Laptop       | 2.35        | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$110.00                   | U85GSE             | \$63.60                    | 5WS0W86726+5PS0G79465 (order both parts)                   | \$82.40                    |                    |                            |
|                         |             |                                                                     |                         |                            |                    |                            |                                                            |                            |                    |                            |
| Standard Laptop         | 2.36        | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U86E3E             | \$95.40                    | 5WS0W86733+5PS0K27099 (order both parts)                   | \$143.20                   |                    |                            |
| High End Laptop 1 & 2   | 2.37        | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U85GTE             | \$112.36                   | 5WS0W86735+5PS0K18198 (order both parts)                   | \$191.20                   |                    |                            |
| Elite Laptop 1          | 2.38a       | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U85RDE             | \$173.84                   | 5WS1H31773+5PS1H31796 (order both parts)                   | \$191.20                   |                    |                            |
| Elite Laptop 2          | 2.38b       | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U85RDE             | \$173.84                   | 5WS0W86655+5PS0V07084 (model 2.6a only) (order both parts) | \$199.20                   |                    |                            |
|                         |             |                                                                     |                         |                            |                    |                            | 5WS1H31773+5PS1H31796 (model 2.6b only) (order both parts) | \$191.20                   |                    |                            |



| Portable/Laptop Options |             |                                                                     | Dell                    |                            | HP                 |                            | Lenovo                                   |                            | Microsoft          |                            |
|-------------------------|-------------|---------------------------------------------------------------------|-------------------------|----------------------------|--------------------|----------------------------|------------------------------------------|----------------------------|--------------------|----------------------------|
| Configuration           | Item Number | Peripheral Option Description                                       | Vendor Part Number      | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                       | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| Elite Laptop 3          | 2.38c       | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U85RDE             | \$173.84                   | 5WS0W86655+5PS0V07084 (order both parts) | \$199.20                   |                    |                            |
| Ultralight Laptop       | 2.39        | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$220.00                   | U85GTE             | \$112.36                   | 5WS0W86735+5PS0K18198 (order both parts) | \$191.20                   |                    |                            |
|                         |             |                                                                     |                         |                            |                    |                            |                                          |                            |                    |                            |
| Standard Laptop         | 2.40        | 3YR. Extended Battery Warranty to match 3YR Device warranty         | Call for quote w/device | \$80.00                    | INCLUDED           | \$0.00                     | 5WS0L01988                               | \$32.00                    |                    |                            |
| High End Laptop 1 & 2   | 2.41        | 3YR. Extended Battery Warranty to match 3YR Device warranty         | Call for quote w/device | \$80.00                    | INCLUDED           | \$0.00                     | 5WS0A23013                               | \$32.00                    |                    |                            |
| Elite Laptop 1          | 2.42a       | 3YR. Extended Battery Warranty to match 3YR Device warranty         | Call for quote w/device | \$80.00                    | INCLUDED           | \$0.00                     | 5WS1H31713                               | \$32.00                    |                    |                            |
| Elite Laptop 2          | 2.42b       | 3YR. Extended Battery Warranty to match 3YR Device warranty         | Call for quote w/device | \$80.00                    | INCLUDED           | \$0.00                     | 5WS0V07085 (model 2.6a only)             | \$32.00                    |                    |                            |
|                         |             |                                                                     |                         |                            |                    |                            | 5WS1H31713 (model 2.6b only)             | \$32.00                    |                    |                            |
| Elite Laptop 3          | 2.42c       | 3YR. Extended Battery Warranty to match 3YR Device warranty         | Call for quote w/device | \$80.00                    | INCLUDED           | \$0.00                     | 5WS0V07085                               | \$32.00                    |                    |                            |
| Ultralight Laptop       | 2.43        | 3YR. Extended Battery Warranty to match 3YR Device warranty         | Call for quote w/device | \$80.00                    | INCLUDED           | \$0.00                     | 5WS0V07085                               | \$32.00                    |                    |                            |
|                         |             |                                                                     |                         |                            |                    |                            |                                          |                            |                    |                            |
| Standard Laptop         | 2.44        | 3 Year Accidental Damage Warranty                                   | Call for quote w/device | \$100.00                   | U86E4E             | \$71.02                    | 5PS0L30075                               | \$79.20                    |                    |                            |

| Portable/Laptop Options |             |                                   | Dell                    |                            | HP                 |                            | Lenovo                       |                            | Microsoft             |                            |
|-------------------------|-------------|-----------------------------------|-------------------------|----------------------------|--------------------|----------------------------|------------------------------|----------------------------|-----------------------|----------------------------|
| Configuration           | Item Number | Peripheral Option Description     | Vendor Part Number      | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number           | Volume Purchase Unit Price | Vendor Part Number    | Volume Purchase Unit Price |
| High End Laptop 1 & 2   | 2.45        | 3 Year Accidental Damage Warranty | Call for quote w/device | \$100.00                   | U85GVE             | \$81.62                    | 5PS0A23193                   | \$76.00                    |                       |                            |
| Elite Laptop 1          | 2.46a       | 3 Year Accidental Damage Warranty | Call for quote w/device | \$100.00                   | U85QYE             | \$118.72                   | 5PS1H31737                   | \$87.20                    |                       |                            |
| Elite Laptop 2          | 2.46b       | 3 Year Accidental Damage Warranty | Call for quote w/device | \$100.00                   | U85QYE             | \$118.72                   | 5PS0V07049 (model 2.6a only) | \$103.20                   |                       |                            |
|                         |             |                                   |                         |                            |                    |                            | 5PS1H31737 (model 2.6b only) | \$87.20                    |                       |                            |
| Elite Laptop 3          | 2.46c       | 3 Year Accidental Damage Warranty | Call for quote w/device | \$100.00                   | U85QYE             | \$118.72                   | 5PS0V07049                   | \$103.20                   |                       |                            |
| Ultralight Laptop       | 2.47        | 3 Year Accidental Damage Warranty | Call for quote w/device | \$100.00                   | U85GVE             | \$81.62                    | 5PS0A23193                   | \$76.00                    |                       |                            |
|                         |             |                                   |                         |                            |                    |                            |                              |                            |                       |                            |
| Standard Laptop         | 2.48        | 4 Year Accidental Damage Warranty | Call for quote w/device | \$155.00                   | U86E5E             | \$151.58                   | 5PS0L30070                   | \$111.20                   | ZWM-00043 (Surface 6) | \$335.52                   |
| High End Laptop 1 & 2   | 2.49        | 4 Year Accidental Damage Warranty | Call for quote w/device | \$155.00                   | U85GWE             | \$173.84                   | 5PS0A22966                   | \$119.20                   | ZWM-00043 (Surface 6) | \$335.52                   |
| Elite Laptop 1          | 2.50a       | 4 Year Accidental Damage Warranty | Call for quote w/device | \$155.00                   | U85R6E             | \$259.70                   | 5PS1H31762                   | \$119.20                   |                       |                            |
| Elite Laptop 2          | 2.50b       | 4 Year Accidental Damage Warranty | Call for quote w/device | \$155.00                   | U85R6E             | \$259.70                   | 5PS0V07113 (model 2.6a only) | \$159.20                   |                       |                            |
|                         |             |                                   |                         |                            |                    |                            | 5PS1H31762 (model 2.6b only) | \$119.20                   |                       |                            |
| Elite Laptop 3          | 2.50c       | 4 Year Accidental Damage Warranty | Call for quote w/device | \$155.00                   | U85R6E             | \$259.70                   | 5PS1H31762                   | \$119.20                   |                       |                            |
| Ultralight Laptop       | 2.51        | 4 Year Accidental Damage Warranty | Call for quote w/device | \$155.00                   | U85GWE             | \$173.84                   | 5PS0V07113                   | \$119.20                   | ZWM-00043 (Surface 6) | \$335.52                   |

| Portable/Laptop Options |             |                                   | Dell                    |                            | HP                 |                            | Lenovo                       |                            | Microsoft          |                            |
|-------------------------|-------------|-----------------------------------|-------------------------|----------------------------|--------------------|----------------------------|------------------------------|----------------------------|--------------------|----------------------------|
| Configuration           | Item Number | Peripheral Option Description     | Vendor Part Number      | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number           | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
|                         |             |                                   |                         |                            |                    |                            |                              |                            |                    |                            |
| Standard Laptop         | 2.52        | 5 Year Accidental Damage Warranty | Call for quote w/device | \$225.00                   | U86E6E             | \$266.06                   | 5PS0K27092                   | \$151.20                   |                    |                            |
| High End Laptop 1 & 2   | 2.53        | 5 Year Accidental Damage Warranty | Call for quote w/device | \$225.00                   | U85GXE             | \$305.28                   | 5PS0K18187                   | \$143.20                   |                    |                            |
| Elite Laptop 1          | 2.54a       | 5 Year Accidental Damage Warranty | Call for quote w/device | \$225.00                   | U85RGE             | \$458.98                   | 5PS1H31752                   | \$143.20                   |                    |                            |
| Elite Laptop 2          | 2.54b       | 5 Year Accidental Damage Warranty | Call for quote w/device | \$225.00                   | U85RGE             | \$458.98                   | 5PS0V07056 (model 2.6a only) | \$175.20                   |                    |                            |
|                         |             |                                   |                         |                            |                    |                            | 5PS1H31752 (model 2.6b only) | \$143.20                   |                    |                            |
| Elite Laptop 3          | 2.54c       | 5 Year Accidental Damage Warranty | Call for quote w/device | \$225.00                   | U85RGE             | \$458.98                   | 5PS0V07056                   | \$175.20                   |                    |                            |
| Ultralight Laptop       | 2.55        | 5 Year Accidental Damage Warranty | Call for quote w/device | \$225.00                   | U85GXE             | \$305.28                   | 5PS0K18187                   | \$143.20                   |                    |                            |
|                         |             |                                   |                         |                            |                    |                            |                              |                            |                    |                            |
| Elite Laptop 1          | 2.56        | 130W Multi-Port Charger           |                         |                            |                    |                            | G0A6130WUS                   | \$80.00                    |                    |                            |

2-in-1 Laptop/Tablet Model and Options Pricing

| 2-in-1 Laptop/Tablet Models |                |                                                                     | Dell               |                            | HP                 |                            | Lenovo             |                            | Microsoft                  |                                                                                                                                                                                                                             |
|-----------------------------|----------------|---------------------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Segment                     | Item Number    | Configuration                                                       | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number         | Volume Purchase Unit Price                                                                                                                                                                                                  |
| 2-in-1 Laptop/Tablets       | 3.1a           | 2-in-1 Laptop / Tablet (No WWAN)                                    | 3000188922119      | \$1,146.00                 | 31ANCVP25          | \$1,140.00                 |                    |                            | Must Order<br>all 4 Parts: | <b>\$2,647.09</b><br><br>ZDY-00001- \$2,207.99 (Tablet)<br><br>EP2-00395 - \$123.19 (Keyboard)<br><br>ZWL-00033 - \$289.52 (3YR Tablet Warranty)<br><br>SPC-00005 - \$26.39 (3YR Keyboard Wty.)                             |
|                             | 3.1a-ALT-512GB | ALTERNATE 2-in-1 Laptop / Tablet (No WWAN) (512GB SSD, 16GB Memory) |                    |                            |                    |                            |                    |                            |                            | <b>\$1,911.09</b><br>(512GB SSD, 16BB Memory)<br><br>ZIN-00001- \$1,471.99 (Tablet)<br><br>EP2-00395 - \$123.19 (Keyboard)<br><br>ZWL-00033 - \$289.52 (3YR Tablet Warranty)<br><br>SPC-00005 - \$26.39 (3YR Keyboard Wty.) |

| 2-in-1 Laptop/Tablet Models |              |                                                                   | Dell               |                            | HP                 |                            | Lenovo             |                            | Microsoft               |                                                                                                                                                                                                                            |
|-----------------------------|--------------|-------------------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Segment                     | Item Number  | Configuration                                                     | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number      | Volume Purchase Unit Price                                                                                                                                                                                                 |
| 2-in-1 Laptop/Tablets       | 3.1a-ALT-1TB | ALTERNATE 2-in-1 Laptop / Tablet (No WWAN) (1TB SSD, 32GB Memory) |                    |                            |                    |                            |                    |                            | Must Order all 4 Parts: | <b>\$2,463.09</b><br>(1TB SSD, 32GB Memory)<br><br>ZIR-00001 - \$2,023.99 (Tablet)<br><br>EP2-00395 - \$123.19 (Keyboard)<br><br>ZWL-00033 - \$289.52 (3YR Tablet Warranty)<br><br>SPC-00005 - \$26.39 (3YR Keyboard Wty.) |
|                             | 3.1b         | 2-in-1 Laptop / Tablet (AT&T)                                     | 3000188921513      | \$1,195.00                 | 31BNCVP25          | \$1,194.00                 |                    |                            |                         |                                                                                                                                                                                                                            |
|                             | 3.1c         | 2-in-1 Laptop / Tablet (T-Mobile)                                 | 3000188921723      | \$1,195.00                 | 31CNCVP25          | \$1,194.00                 |                    |                            |                         |                                                                                                                                                                                                                            |
|                             | 3.1d         | 2-in-1 Laptop / Tablet (Verizon)                                  | 3000188921636      | \$1,195.00                 | 31DNCVP25          | \$1,194.00                 |                    |                            |                         |                                                                                                                                                                                                                            |
|                             | 3.2a         | 2-in-1 Laptop / Tablet (No WWAN)(Intel vPro)                      | 3000188922238      | \$1,235.00                 | 32ANCVP25          | \$1,228.00                 | 21LNS2F900         | \$1,300.00                 |                         |                                                                                                                                                                                                                            |
|                             | 3.2a-ALT     | ALTERNATE 2-in-1 Laptop / Tablet (No WWAN)(Intel vPro)            |                    |                            |                    |                            | 21LLS2G300         | \$1,430.00                 |                         |                                                                                                                                                                                                                            |
|                             | 3.2b         | 2-in-1 Laptop / Tablet (AT&T)(Intel vPro)                         | 3000188921808      | \$1,250.00                 | 32BNCVP25          | \$1,259.00                 | 21LNS2FA00         | \$1,400.00                 |                         |                                                                                                                                                                                                                            |
|                             | 3.2b-ALT     | ALTERNATE 2-in-1 Laptop / Tablet (AT&T)(Intel vPro)               |                    |                            |                    |                            | 21LLS2G200         | \$1,500.00                 |                         |                                                                                                                                                                                                                            |
|                             | 3.2c         | 2-in-1 Laptop / Tablet (T-Mobile)(Intel vPro)                     | 3000188921985      | \$1,250.00                 | 32CNCVP25          | \$1,259.00                 | 21LNS2FA00         | \$1,400.00                 |                         |                                                                                                                                                                                                                            |
|                             | 3.2c-ALT     | ALTERNATE 2-in-1 Laptop / Tablet (T-Mobile)(Intel vPro)           |                    |                            |                    |                            | 21LLS2G201         | \$1,500.00                 |                         |                                                                                                                                                                                                                            |

| 2-in-1 Laptop/Tablet Models |             |                                                        | Dell               |                            | HP                 |                            | Lenovo             |                            | Microsoft          |                            |
|-----------------------------|-------------|--------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|
| Segment                     | Item Number | Configuration                                          | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| 2-in-1 Laptop/Tablets       | 3.2d        | 2-in-1 Laptop / Tablet (Verizon)(Intel vPro)           | 3000188943704      | \$1,250.00                 | 32DNCVP25          | \$1259.00                  | 21LNS2FA00         | \$1,400.00                 |                    |                            |
|                             | 3.2d-ALT    | ALTERNATE 2-in-1 Laptop / Tablet (Verizon)(Intel vPro) |                    |                            |                    |                            | 21LLS2G202         | \$1,500.00                 |                    |                            |
|                             |             |                                                        |                    |                            |                    |                            |                    |                            |                    |                            |

| 2-in-1 Options         |             |                                                                     | Dell                    |                            | HP                 |                            | Lenovo                 |                            | Microsoft                      |                            |
|------------------------|-------------|---------------------------------------------------------------------|-------------------------|----------------------------|--------------------|----------------------------|------------------------|----------------------------|--------------------------------|----------------------------|
| Configuration          | Item Number | Peripheral Option Description                                       | Vendor Part Number      | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number     | Volume Purchase Unit Price | Vendor Part Number             | Volume Purchase Unit Price |
| 2-in-1 Laptop / Tablet | 3.03        | Docking Station (USB-C/Thunderbolt Universal dock)                  | 210-BRQK                | \$166.00                   | 5TW10AA            | \$141.75                   | 40AY0090US             | \$176.00                   | T8I-00001                      | \$263.99                   |
| 2-in-1 Laptop / Tablet | 3.04        | AC Adapter / Power Supply                                           | 492-BDQM                | \$30.00                    | 1P3K6AA            | \$32.55                    | 4X21L54608             | \$32.00                    |                                |                            |
| 2-in-1 Laptop / Tablet | 3.05        | Auto Adapter                                                        | 492-BBUN                | \$50.00                    |                    |                            | 40AK0065WW             | \$48.00                    |                                |                            |
| 2-in-1 Laptop / Tablet | 3.06        | Stylus                                                              | 750-ADQK                | \$26.00                    | 6SG43AA            | \$98.28                    | 4X81H95637             | \$56.00                    |                                |                            |
| 2-in-1 Laptop / Tablet | 3.07        | Laptop Backpack (nylon, water-resistant)                            | 460-BDKB                | \$20.00                    | 1X644AA            | \$29.27                    | 4X40Y95215             | \$29.10                    |                                |                            |
| 2-in-1 Laptop / Tablet | 3.08        | Ruggedized Case                                                     |                         |                            |                    |                            |                        |                            |                                |                            |
| 2-in-1 Laptop / Tablet | 3.09        | Nylon Carrying Case                                                 | 460-BDSW                | \$19.00                    | 1X645AA            | \$24.04                    | 4X41C12468             | \$33.95                    |                                |                            |
|                        |             |                                                                     |                         |                            |                    |                            |                        |                            |                                |                            |
| 2-in-1 Laptop / Tablet | 3.10        | 4th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$250.00                   | U85BYE             | \$169.18                   | 5WS0W86726+ 5PS0G79465 | \$82.40                    |                                |                            |
| 2-in-1 Laptop / Tablet | 3.11        | 5th Year Next Business Day, On-site w/hard drive retention warranty | Call for quote w/device | \$450.00                   | U85BZE             | \$224.83                   | 5WS0W86735+ 5PS0K18198 | \$191.20                   |                                |                            |
|                        |             |                                                                     |                         |                            |                    |                            |                        |                            |                                |                            |
| 2-in-1 Laptop / Tablet | 3.12        | 3 Year Accidental Damage Warranty                                   | Call for quote w/device | \$100.00                   | U85C0E             | \$188.10                   | 5PS0A23193             | \$76.00                    |                                |                            |
| 2-in-1 Laptop / Tablet | 3.13        | 4 Year Accidental Damage Warranty                                   | Call for quote w/device | \$155.00                   | U85C1E             | \$290.49                   | 5PS0A22966             | \$119.20                   | ZWM-00034 (For Surface Pro 10) | \$333.52                   |
| 2-in-1 Laptop / Tablet | 3.14        | 5 Year Accidental Damage Warranty                                   | Call for quote w/device | \$225.00                   | U85C2E             | \$436.30                   | 5PS0K18187             | \$143.20                   |                                |                            |
|                        |             |                                                                     |                         |                            |                    |                            |                        |                            |                                |                            |
| 2-in-1 Laptop / Tablet | 3.15        | 3YR. Extended Battery Warranty to match 3YR Device warranty         | Call for quote w/device | \$80.00                    | INCLUDED           | \$0.00                     | 5WS0A23013             | \$32.00                    |                                |                            |

Accessories for all Desktop and Laptop Pricing

| Accessories for All Configurations    |             |                                                                           | Dell               |                            | HP                 |                            | Lenovo             |                            |
|---------------------------------------|-------------|---------------------------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|
| Configuration                         | Item Number | Peripheral Option Description                                             | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| All Desktop and Laptop Configurations | 5.01        | USB Wireless Keyboard & Mouse Combo                                       | 580-AJIS           | \$28.00                    | 1Y4D0UT            | \$26.46                    | 4X31N50708         | \$20.00                    |
|                                       | 5.02        | Wireless Keyboard & Mouse Combo with Bluetooth and 128-bit AES encryption | 580-AJIX           | \$50.00                    | 3Z726AA            | \$105.84                   | 4X31K03931         | \$97.00                    |
|                                       | 5.03        | Mouse, USB, 2-button, Optical/Scroll                                      | 275-BBCB           | \$11.00                    | 265A9AA            | \$9.45                     | 4Y50R20863         | \$13.60                    |
|                                       | 5.04        | Mouse, USB, 2-button, Wireless                                            | 570-AALK           | \$10.00                    | 8R3U1AA            | \$20.16                    | 4X30M56887         | \$16.00                    |
|                                       | 5.05        | Mouse, Bluetooth                                                          | 570-ABGK           | \$15.00                    | 1D0K2AA            | \$59.47                    | 4Y50X88822         | \$24.00                    |
|                                       | 5.06        | Keyboard, USB, Enhanced                                                   | 580-ADMT           | \$12.00                    | 266C9AA            | \$13.10                    | 4Y51M03357         | \$29.10                    |
|                                       | 5.07        | Keyboard, USB, Wireless                                                   | 580-AKLJ           | \$18.00                    | 805T1AA            | \$16.16                    | 4X30H56841         | \$31.00                    |
|                                       | 5.08        | Keyboard, Bluetooth                                                       | 580-AKMM           | \$30.00                    | 3Z726AA            | \$105.84                   | 4Y41K04031         | \$58.20                    |
|                                       | 5.09        | Keyboard, Ergonomic, Wired                                                |                    |                            |                    |                            |                    |                            |
|                                       | 5.10        | Keyboard, Ergonomic, Wireless                                             |                    |                            | 7E756AA            | \$119.95                   | 4Y41C33748         | \$80.00                    |
|                                       | 5.11        | Keyboard, Ergonomic, Bluetooth                                            |                    |                            |                    |                            |                    |                            |
|                                       |             |                                                                           |                    |                            |                    |                            |                    |                            |



| Accessories for All Configurations    |             |                                                                                                                              | Dell               |                            | HP                 |                            | Lenovo             |                            |
|---------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|
| Configuration                         | Item Number | Peripheral Option Description                                                                                                | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| All Desktop and Laptop Configurations | 5.12        | External Speakers                                                                                                            | AB117326           | \$26.00                    | 772C6AA            | \$152.88                   | 4XD1C82055         | \$97.00                    |
|                                       | 5.13        | Webcam                                                                                                                       | 319-BBJQ           | \$28.00                    | 53X27AA            | \$37.13                    | 4XC1B34802         | \$29.10                    |
|                                       | 5.14        | USB External DVD +/-RW Drive                                                                                                 | 429-AAUQ           | \$26.00                    | F2B56AA            | \$39.90                    | 888015471          | \$48.00                    |
|                                       | 5.15        | USB External Headset for Business                                                                                            | 520-BBDS           | \$25.00                    | 428K6AA            | \$24.57                    | 4XD1C99223         | \$126.10                   |
|                                       | 5.16        | Bluetooth Dual-Ear (Stereo) Wireless Headset with Boom Mic - USB-C PC Compatible - Active Noise Canceling - Works with Teams | 520-BBFL           | \$75.00                    | 77Y89AA            | \$156.45                   | 4XD1C99223         | \$126.10                   |
|                                       | 5.17        | Ergonomic Wireless Mouse                                                                                                     |                    |                            | 6H1A5AA            | \$79.80                    |                    |                            |
|                                       |             |                                                                                                                              |                    |                            |                    |                            |                    |                            |

Monitor and Monitor Options Pricing

| Monitor Models |             |                                                                                 | Dell               |                            | HP                                          |                            | Lenovo             |                            |
|----------------|-------------|---------------------------------------------------------------------------------|--------------------|----------------------------|---------------------------------------------|----------------------------|--------------------|----------------------------|
| Segment        | Item Number | Configuration                                                                   | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                          | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| Monitors       | 4.1a        | Flat Panel Monitor, 24-inch (with USB-C Hub)                                    | 210-BMKK           | \$186.00                   | 6N4D0AA                                     | \$181.28                   | 63D7UAR3US         | \$235.00                   |
|                | 4.1b        | Flat Panel Monitor, 24-inch (no USB-C Hub) (should be "sister" monitor to 4.1a) | 210-BMGH           | \$143.00                   | 9D9L6UT                                     | \$149.35                   | 63CFMAR1US         | \$140.00                   |
|                | 4.2a        | Flat Panel Monitor, 27-inch (with USB-C hub)                                    | 210-BRHW           | \$245.00                   | 6N4D3AA                                     | \$238.96                   | 63A1GAR1US         | \$324.00                   |
|                | 4.2b        | Flat Panel Monitor, 27-inch (no USB-C hub)(should be "sister" monitor to 4.2a)  | 210-BRHV           | \$220.00                   | 9D9S0UT                                     | \$212.00                   | 63A2ZAR1US         | \$310.00                   |
|                | 4.3         | Flat Panel Monitor, 24-inch (High Resolution)                                   | 210-BDKE           | \$191.00                   |                                             |                            | 63B4GAR6US         | \$200.00                   |
|                | 4.3-ALT     | ALTERNATE Flat Panel Monitor, 24-inch (High Resolution)                         |                    |                            | 9D9S0UT<br>(HP is offering 27-inch monitor) | \$212.00                   |                    |                            |
|                | 4.4         | Flat Panel Monitor, 27-inch (High Resolution, 4K)                               | 210-BDLK           | \$310.00                   | 6N4C4AA                                     | \$375.74                   | 63E4GAR2US         | \$720.00                   |
|                | 4.5         | Flat Panel Monitor, 32-inch (High Resolution, 4K, with USB-C Hub)               | 210-BDPH           | \$508.00                   | 6N4D6AA                                     | \$463.50                   | 63D1ZAR1US         | \$550.00                   |
|                | 4.5-ALT     | ALTERNATE Flat Panel Monitor, 32-inch (High Resolution, 4K, with USB-C Hub)     | 210-BDLQ           | \$295.00                   |                                             |                            |                    |                            |
|                | 4.6         | Flat Panel Monitor, 24-inch for Video Conferencing                              | 210-BGLQ           | \$204.00                   | 40Z32AA                                     | \$239.99                   | 63D8MAR3US         | \$180.00                   |
|                | 4.7         | Flat Panel Monitor, 27-inch for Video Conferencing                              | 210-BGMF           | \$265.00                   | 40Z29AA                                     | \$293.55                   | 63D6UAR3US         | \$354.00                   |
|                | 4.8         | 34-inch Curved Monitor                                                          | 210-BRHY           | \$362.00                   | 21Y56AA                                     | \$426.42                   | 63D4ZAR1US         | \$405.00                   |
|                | 4.9         | 38-40 inch Curved Monitor                                                       | 210-BHSM           | \$799.00                   | 8K167AA                                     | \$1029.59                  | 62C1GAR6US         | \$1,044.00                 |

| Monitor Models  |             |                                                     | Dell                                                                           |                            | HP                 |                            | Lenovo                               |                            |
|-----------------|-------------|-----------------------------------------------------|--------------------------------------------------------------------------------|----------------------------|--------------------|----------------------------|--------------------------------------|----------------------------|
| Segment         | Item Number | Configuration                                       | Vendor Part Number                                                             | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                   | Volume Purchase Unit Price |
|                 | 4.10        | Portable 14-inch Monitor                            | 210-BHRQ                                                                       | \$228.00                   | 1B065AA            | \$279.34                   | 63AAUAR6US                           | \$220.00                   |
|                 | 4.11        | Portable 15-inch Monitor                            |                                                                                |                            |                    |                            | 62CAUAR1US                           | \$205.00                   |
|                 |             |                                                     |                                                                                |                            |                    |                            |                                      |                            |
| Monitor Options | 4.12        | Speaker Bar to work with all monitor configurations | 520-AARU<br>(works with all monitors except 38"- Item 4.9 and 14" – Item 4.10) | \$27.00                    | 5UU40AA            | \$42.32                    | 4XD1J05151<br>(works with Item 4.2a) | \$29.10                    |
|                 |             |                                                     |                                                                                |                            |                    |                            | 4XD1K97400<br>(works with Item 4.2b) | \$29.10                    |
|                 |             |                                                     |                                                                                |                            |                    |                            | 4XD1J05151<br>(works with Item 4.3)  | \$29.10                    |
|                 |             |                                                     |                                                                                |                            |                    |                            |                                      |                            |

Miscellaneous Cables and Options Pricing

| Miscellaneous Cables and Options      |             |                                               | Dell               |                            | HP                 |                            | Lenovo             |                            | Microsoft          |                            |
|---------------------------------------|-------------|-----------------------------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|
| Configuration                         | Item Number | Peripheral Option Description                 | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| All Desktop and Laptop Configurations | 6.01        | HDMI to HDMI Adapter                          | A7657890           | \$10.00                    | T6F94AA            | \$13.86                    | 0B47070            | \$12.00                    |                    |                            |
| All Desktop and Laptop Configurations | 6.02        | DisplayPort to HDMI Adapter                   | 492-BBXU           | \$17.00                    | 2JA63AA            | \$31.50                    | 4X90R61023         | \$37.60                    |                    |                            |
| All Desktop and Laptop Configurations | 6.03        | USB Gigabit Ethernet Dongle                   | 443-BBBD           | \$20.00                    | 4Z7Z7AA            | \$20.16                    | 4X91H17795         | \$25.00                    |                    |                            |
| All Desktop and Laptop Configurations | 6.04        | USB-C to USB-A 3.0 Adapter                    | 470-ABNE           | \$8.00                     | Z6A00AA            | \$26.46                    | 4X90Q59481         | \$12.00                    |                    |                            |
| All Desktop and Laptop Configurations | 6.05        | USB-C to Ethernet Adapter                     | 750-BBKR           | \$20.00                    | N2Z63AA            | \$21.42                    | 4X90S91831         | \$24.00                    |                    |                            |
| All Desktop and Laptop Configurations | 6.06        | USB-C to HDMI 4.0 Adapter                     | 470-ABMZ           | \$20.00                    | 1WC36AA            | \$25.20                    | 4X90R61022         | \$40.00                    |                    |                            |
| All Desktop and Laptop Configurations | 6.07        | USB-C to DisplayPort Adapter                  | 470-ACFC           | \$23.00                    | N9K78AA            | \$27.72                    | 4X90Q93303         | \$36.00                    |                    |                            |
| All Desktop and Laptop Configurations | 6.08        | HDMI Cable 3ft (M/M)                          | A8061362           | \$8.00                     | T6F94AA            | \$13.86                    |                    |                            |                    |                            |
| All Desktop and Laptop Configurations | 6.09        | DisplayPort to HDMI (4K) Active Adapter (M/F) | A7719636           | \$25.00                    | F3W43AA            | \$15.75                    | 4X90R61023         | \$37.60                    |                    |                            |
| All Desktop and Laptop Configurations | 6.10        | DP to DP cable                                | A7639742           | \$14.00                    | VN567AA            | \$16.38                    | 0A36537            | \$15.00                    |                    |                            |

| Miscellaneous Cables and Options      |             |                                           | Dell               |                            | HP                                           |                            | Lenovo             |                            | Microsoft          |                            |
|---------------------------------------|-------------|-------------------------------------------|--------------------|----------------------------|----------------------------------------------|----------------------------|--------------------|----------------------------|--------------------|----------------------------|
| Configuration                         | Item Number | Peripheral Option Description             | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number                           | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price | Vendor Part Number | Volume Purchase Unit Price |
| All Desktop and Laptop Configurations | 6.11        | DP to HDMI Cable                          | AA419443           | \$25.00                    | 2JA63AA                                      | \$31.50                    |                    |                            |                    |                            |
| All Desktop and Laptop Configurations | 6.12        | USB-C to USB-C 100w cable                 | AC251905           | \$18.00                    | 5AR72AA                                      | \$24.57                    | 4X90U90619         | \$20.00                    |                    |                            |
| All Desktop and Laptop Configurations | 6.13        | 6-in-1 USB-C Multiport Adapter -          | 470-AFJI           | \$50.00                    | 50H55AA                                      | \$86.10                    |                    |                            |                    |                            |
| All Desktop and Laptop Configurations | 6.14        | Mini-DisplayPort to DisplayPort Adapter   | 470-0152           | \$12.00                    | 2MY05AA                                      | \$13.86                    | 4X90L13971         | \$19.00                    |                    |                            |
| All Desktop and Laptop Configurations | 6.15        | Mini-DisplayPort to DisplayPort 6FT Cable | AA419441           | \$12.00                    | 2MY055A & VN567AA<br>(must order both parts) | \$28.98                    | 0B47091            | \$16.00                    |                    |                            |

SECTION 3: Model Configurations

Section 3 of this document contains detailed technical specifications for the awarded items.

Desktop and Workstation Configurations

| 1.1 Standard Desktop (Intel) | Dell                                                                                                                                                                                                                                                             | HP                                                                                                                                       | Lenovo                                                                                                                                                                 |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                  | Est 4 Year Lifecycle, Entry-Level Word Processing, Spreadsheets, Mail viewing, PDF viewing, Presentation Viewing, etc. Dual Digital Monitor Capable                                                                                                              |                                                                                                                                          |                                                                                                                                                                        |
| Vendor Model Number          | Pro Slim QCS1250                                                                                                                                                                                                                                                 | Prodesk 400 G9 SFF                                                                                                                       | ThinkCentre M70s Gen 5                                                                                                                                                 |
| Operating System             | Windows 11 Pro 64 bit                                                                                                                                                                                                                                            | Windows 11 Pro 64 bit                                                                                                                    | Windows 11 Pro 64 bit                                                                                                                                                  |
| Processor                    | Intel Core i3 processor 14100 (12 MB cache, 4 cores, 8 threads, up to 4.7 GHz Turbo, 60W)                                                                                                                                                                        | Intel Core i3 processor 14100 (12 MB cache, 4 cores, 8 threads, up to 4.7 GHz Turbo, 60W)                                                | Intel Core i3 processor 14100 (12 MB cache, 4 cores, 8 threads, up to 4.7 GHz Turbo, 60W)                                                                              |
| Trusted Platform Module      | Yes                                                                                                                                                                                                                                                              | Yes                                                                                                                                      | Yes                                                                                                                                                                    |
| Memory                       | 16GB (2x8GB) DDR5, expandable to 64GB                                                                                                                                                                                                                            | 16GB (2x8GB) DDR5 4800 UDIMM Memory, (expandable to 64.0 GB but require the removal of current memory and installing 2 x 32GB dimms)     | 16 GB DDR5-4800MHz (UDIMM) - (2 x 8 GB) expandable to 64GB                                                                                                             |
| Video Card                   | Intel Integrated Graphics - support for 2 external 4K displays                                                                                                                                                                                                   | Integrated: Intel® UHD Graphics                                                                                                          | Integrated Graphics with support for up to 2 Digital Monitors @2560x1440                                                                                               |
| 1st Hard Drive               | M.2 2230 256GB PCIe NVMe SSD                                                                                                                                                                                                                                     | 256GB 2280 PCIe NVMe Value Solid State Drive                                                                                             | 256GB M.2 2280 PCIe NVMe TLC SSD                                                                                                                                       |
| PCIe Slots                   | 2 free slots                                                                                                                                                                                                                                                     | Two (2) Free Slots                                                                                                                       | Two (2) Free Slots                                                                                                                                                     |
| USB Ports                    | Front Ports:<br>2 USB 2.0 (480 Mbps) ports<br>1 USB 3.2 Gen 1 (5 Gbps) port<br>1 USB 3.2 Gen 1 (5 Gbps) Type-C® port<br>Rear Ports:<br>2 USB 2.0 (480 Mbps) ports<br>2 USB 3.2 Gen 1 (5 Gbps) ports<br>1 DisplayPort™ 1.4a (HBR2) port<br>1 HDMI 2.1 (TMDS) port | Front Ports<br>One (1) USB-C Port<br>Three (3) USB-A 10 Gbps Ports<br><br>Rear Ports:<br>Two (2) USB-A 480Mbps,<br>Three (3) USB-A 5Gbps | Front Ports<br>1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with 15W charging<br>4x USB-A (USB 5Gbps / USB 3.2 Gen 1)<br><br>Rear Ports<br>4x USB-A (Hi-Speed USB / USB 2.0) |
| Integrated NIC               | Integrated RJ45 Ethernet port 10/100/1000 Mbps                                                                                                                                                                                                                   | Integrated Intel® I219LM GbE LOM; Intel® I225-T1 PCIe® 2.5 GbE                                                                           | Integrated Gigabit Ethernet (10/100/1000) Card, Wake on LAN                                                                                                            |
| Keyboard                     | Dell KB216 Wired Multi-Media Keyboard                                                                                                                                                                                                                            | HP USB 320K Keyboard                                                                                                                     | USB, Traditional, Black - English (US)                                                                                                                                 |
| Mouse                        | Dell MS116 Wired Mouse, Black - USB, 2- button, optical Mouse with scroll                                                                                                                                                                                        | HP Black 125 Wired Mouse                                                                                                                 | USB Calliope Mouse Black                                                                                                                                               |
| Audio                        | Internal High-Definition Audio                                                                                                                                                                                                                                   | Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support                                                           | High Definition (HD) Audio, Realtek® ALC623-CG codec                                                                                                                   |
| Hardware Warranty            | ProSupport: Next Business Day Onsite, 3 Years                                                                                                                                                                                                                    | Includes 3 Year Next Business Day, On-Site                                                                                               | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                                   |

| 1.1 Standard Desktop<br>(Intel) | Dell                                            | HP                                                   | Lenovo                            |
|---------------------------------|-------------------------------------------------|------------------------------------------------------|-----------------------------------|
| Keep Hard Drive                 | Keep Your Hard Drive, 3 Year                    | Includes 3 Year HP Care pack for Disk Retention Svc. | 3YR KYD                           |
| Energy Consumption              | ENERGY STAR® certified                          | ENERGY STAR® certified                               | ENERGY STAR® certified            |
| Environmental                   | EPEAT Silver                                    | EPEAT Gold                                           | EPEAT™ Gold                       |
| Unit dimensions and weight      | (W) 3.74 x (D) 11.54, (H) 11.95; Weight 8.61lbs | 10.6 x 3.7 x12.1 in; 9.25lbs                         | 3.6 x 11.7 x 13.4 inches; 11.7lbs |

| 1.2 Mid-Range Desktop<br>(Intel Proc) | Dell                                                                                                                                                                                                                                                     | HP                                                                                                                                       | Lenovo                                                                                                                                               |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                           | Est 6-year Lifecycle, General to Advanced Word Processing, Large Spreadsheets, Mail Viewing, PDF creation, Presentation Creation, etc. Dual Digital Monitor Capable                                                                                      |                                                                                                                                          |                                                                                                                                                      |
| Vendor Model Number                   | Pro Slim QCS1250                                                                                                                                                                                                                                         | ProDesk 400 G9 SFF                                                                                                                       | ThinkCentre M70s Gen 5                                                                                                                               |
| Operating System                      | Windows 11 Pro 64 bit                                                                                                                                                                                                                                    | Windows 11 Pro 64 bit                                                                                                                    | Windows 11 Pro 64 bit                                                                                                                                |
| Processor                             | Intel Core i5 processor 14500 vPro (24MB cache, 14 cores, 20 threads, up to 5.0 GHz Turbo, 65W)                                                                                                                                                          | Intel Core i5 processor 14500 vPro (24MB cache, 14 cores, 20 threads, up to 5.0 GHz Turbo, 65W)                                          | Intel Core i5 processor 14500 vPro (24MB cache, 14 cores, 20 threads, up to 5.0 GHz Turbo, 65W)                                                      |
| Trusted Platform Module               | Yes                                                                                                                                                                                                                                                      | Yes                                                                                                                                      | Yes                                                                                                                                                  |
| Memory                                | 32GB (2x16GB) DDR5, expandable to 64GB                                                                                                                                                                                                                   | 32GB (2x16GB) DDR5 4800 UDIMM Memory, (expandable to 64.0 GB but require the removal of current memory and installing 2x32GB dimms)      | 32 GB DDR5-4800MHz (UDIMM) - (2 x 16 GB) expandable to 64GB                                                                                          |
| Video Card                            | Intel Integrated Graphics - support for 2 external 4K displays                                                                                                                                                                                           | Integrated: Intel® UHD Graphics                                                                                                          | Integrated Graphics with support for up to 2 Digital Monitors @2560x1440                                                                             |
| Cables / Connectors                   | Not included                                                                                                                                                                                                                                             | Not included                                                                                                                             | Not included                                                                                                                                         |
| 1st Hard Drive                        | M.2 2230 512GB PCIe NVMe SSD                                                                                                                                                                                                                             | 512GB PCIe-4x4 NVMe TLC Solid State Drive                                                                                                | 512GB SSD M.2 2280 PCIe Gen4 TLC Opal                                                                                                                |
| PCIe Slots                            | 2 free slots                                                                                                                                                                                                                                             | Two (2) Free Slots                                                                                                                       | Two (2) Free Slots                                                                                                                                   |
| USB Ports                             | Front:<br>2 USB 2.0 (480 Mbps) ports<br>1 USB 3.2 Gen 1 (5 Gbps) port<br>1 USB 3.2 Gen 1 (5 Gbps) Type-C® port<br><br>Rear:<br>2 USB 2.0 (480 Mbps) ports<br>2 USB 3.2 Gen 1 (5 Gbps) ports<br>1 DisplayPort™ 1.4a (HBR2) port<br>1 HDMI 2.1 (TMDS) port | Front Ports<br>One (1) USB-C Port<br>Three (3) USB-A 10 Gbps Ports<br><br>Rear Ports:<br>Two (2) USB-A 480Mbps,<br>Three (3) USB-A 5Gbps | Front: 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with 15W charging; 4x USB-A (USB 5Gbps / USB 3.2 Gen 1)<br><br>Rear: 4x USB-A (Hi-Speed USB / USB 2.0) |
| Integrated NIC                        | Integrated RJ45 Ethernet port 10/100/1000 Mbps                                                                                                                                                                                                           | Integrated Intel® I219LM GbE LOM; Intel® I225-T1 PCIe® 2.5 GbE                                                                           | Integrated Gigabit Ethernet (10/100/1000) Card, Wake on LAN                                                                                          |
| Keyboard                              | Dell KB216 Wired Multi-Media Keyboard                                                                                                                                                                                                                    | HP USB 320K Keyboard                                                                                                                     | USB, Traditional, Black - English (US)                                                                                                               |
| Mouse                                 | Dell MS116 Wired Mouse, Black - USB, 2- button, optical Mouse with scroll                                                                                                                                                                                | HP Black 125 Wired Mouse                                                                                                                 | USB Calliope Mouse Black                                                                                                                             |
| Audio                                 | Internal High-Definition Audio                                                                                                                                                                                                                           | Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support                                                           | High Definition (HD) Audio, Realtek® ALC623-CG codec                                                                                                 |
| Available Expansion Bays              | None                                                                                                                                                                                                                                                     | None                                                                                                                                     | None                                                                                                                                                 |
| Hardware Warranty                     | ProSupport: Next Business Day Onsite, 3 Years                                                                                                                                                                                                            | Includes 3 Year Next Business Day, On-Site                                                                                               | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                 |
| Keep Hard Drive                       | Keep Your Hard Drive, 3 Year                                                                                                                                                                                                                             | Includes 3 Year HP Carepack for Disk Retention Service                                                                                   | 3YR KYD                                                                                                                                              |



| 1.2 Mid-Range Desktop<br>(Intel Proc) | Dell                                            | HP                         | Lenovo                            |
|---------------------------------------|-------------------------------------------------|----------------------------|-----------------------------------|
| Energy Consumption                    | ENERGY STAR® certified                          | ENERGY STAR® certified     | ENERGY STAR® certified            |
| Environmental                         | EPEAT Silver                                    | EPEAT Gold                 | EPEAT™ Gold                       |
| Unit dimensions and weight            | (W) 3.74 x (D) 11.54, (H) 11.95; Weight 8.61lbs | 10.6 x 3.7 x12.1in; 9.25lb | 3.6 x 11.7 x 13.4 inches; 11.7lbs |

| 1.3 Workstation 1 (i7 Proc) | Dell                                                                                                                                                                                                                                                                                                                                      | HP                                                                                                                                     | Lenovo                                                                                                                                                                                                                                                  |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                 | Entry-Level GIS, CAD Design, 3D Modeling, Video Editing, Multiple Virtual Machines, Software Development, Engineering Tasks, Advanced System Management, etc. Support for up to 3 digital monitors                                                                                                                                        |                                                                                                                                        |                                                                                                                                                                                                                                                         |
| Vendor Model Number         | Dell Pro Max Tower T2                                                                                                                                                                                                                                                                                                                     | Z2 G9 SFF WS                                                                                                                           | Think Station P3 Tower                                                                                                                                                                                                                                  |
| Operating System            | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                                                                                     | Windows 11 Pro 64 bit                                                                                                                  | Windows 11 Pro 64 bit                                                                                                                                                                                                                                   |
| Processor                   | Intel Core Ultra 7 265K (30 MB cache, 20 cores, 20 threads, 3.3 GHz to 5.5 GHz, 125W)                                                                                                                                                                                                                                                     | Intel Core i7 14th Gen 14700 (33 MB cache, 20 cores, 28 threads, 2.1GHz to 5.4 GHz, 65W)                                               | Intel Core i7 14th Gen 14700 (33 MB cache, 20 cores, 28 threads, 2.1GHz to 5.4 GHz, 65W)                                                                                                                                                                |
| Trusted Platform Module     | Yes                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                                    | Yes                                                                                                                                                                                                                                                     |
| Memory                      | 64GB: 2 x 32 GB, DDR5, 5600 MT/s, non-ECC                                                                                                                                                                                                                                                                                                 | 64GB (2x32GB) DDR5 4800 UDIMM NECC Memory, expandable to 128.0GB)                                                                      | 64 GB DDR5-4400MHz (UDIMM) (2x32GB) expandable to 128GB                                                                                                                                                                                                 |
| Video Card                  | NVIDIA RTX A1000, 8GB GDDR6, 4 mDP; support up to four 4K displays                                                                                                                                                                                                                                                                        | NVIDIA T1000 8 GB 4mDP Graphics                                                                                                        | NVIDIA T1000 (8GB) with 4 mDP ports                                                                                                                                                                                                                     |
| Cables / Connectors         | HDD Cables for 0-2 Internal Drive                                                                                                                                                                                                                                                                                                         | Includes 4 mDP to DP adapters                                                                                                          | Mini-DisplayPort to DisplayPort Dongle (4X90L13971 - Order Separately)                                                                                                                                                                                  |
| 1st Hard Drive              | 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD                                                                                                                                                                                                                                                                                                      | 1TB PCIe-4x4 2280 Value M.2 Solid State Drive (Capable of supporting Raid, if RAID requirements are met)                               | 1 TB SSD M.2 2280 PCIe Gen4 Performance TLC Opal with RAID support                                                                                                                                                                                      |
| PCIe Slots                  | Three (3) slots - (2) available                                                                                                                                                                                                                                                                                                           | Two (2) Free Slots                                                                                                                     | 4 x PCIe Slots. 1 x16 Slot holds the NVIDIA RTX 2000 Ada Graphics.<br>Open slots are:<br>1 x PCIe 4.0 x16<br>2 x PCIe 3.0 x1                                                                                                                            |
| USB Ports                   | Front Ports:<br>USB 3.2 Gen 1 (5 Gbps) port; USB 3.2 Gen 1 (5 Gbps) port with PowerShare; USB 3.2 Gen 2 (10 Gbps) Type-C® port; USB 3.2 Gen 2x2 (20 Gbps) Type-C® port with PowerShare ;<br><br>Rear Ports:<br>(2) USB 2.0 (480 Mbps) ports with SmartPower; (2) USB 3.2 Gen 2 (10 Gbps) ports; (2) USB 3.2 Gen 2 (10 Gbps) Type-C® ports | Front Ports:<br>(1) USB-C Power Deliver, (4) USB-A 10 Gbps<br><br>Rear Ports:<br>(2) USB-A 10Gbps, (1) USB-A 5Gbps, (3) USB-A 480 Mbps | Front Ports:<br>(1) USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only<br>(2) USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>(2) USB-A (USB 10Gbps / USB 3.2 Gen 2)<br><br>Rear Ports:<br>(4) USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On |
| Integrated NIC              | Integrated RJ45 Ethernet port 10/100/1000 Mbps                                                                                                                                                                                                                                                                                            | Integrated Intel® I219-LM GbE                                                                                                          | Integrated Ethernet (10/100/100), Wake on LAN                                                                                                                                                                                                           |
| Keyboard                    | Dell KB216 Wired Multi-Media Keyboard                                                                                                                                                                                                                                                                                                     | HP USB 320K Keyboard                                                                                                                   | USB, Traditional, Black - English (US)                                                                                                                                                                                                                  |
| Mouse                       | Dell MS116 Wired Mouse - USB, 2- button, optical Mouse with scroll                                                                                                                                                                                                                                                                        | HP Wired 320M Mouse                                                                                                                    | USB Calliope Mouse Black                                                                                                                                                                                                                                |
| Audio                       | Intel HDA (high-definition audio)                                                                                                                                                                                                                                                                                                         | Realtek ALC3252                                                                                                                        | High Definition (HD) Audio, Realtek® ALC897Q-CG codec                                                                                                                                                                                                   |
| Expansion Bays              | (3) Internal Bays                                                                                                                                                                                                                                                                                                                         | One (1) available                                                                                                                      | (4) Empty 3.5" Bays                                                                                                                                                                                                                                     |

| 1.3 Workstation 1 (i7 Proc) | Dell                                                    | HP                                            | Lenovo                                                               |
|-----------------------------|---------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------|
| Hardware Warranty           | ProSupport: Next Business Day Onsite, 3 Years           | Includes 3 Year Next Business Day, On-Site    | 3 Year Premier Priority/Advanced Support, NBD Onsite                 |
| Keep Hard Drive             | Keep Your Hard Drive, 3 Years                           | 3 Year HP Carepack for Disk Retention Service | 3YR KYD                                                              |
| Certification               | ISV Certified                                           | ISV Certified                                 | ISV Certified                                                        |
| Energy Consumption          | Yes, Energy Star                                        | ENERGY STAR® certified                        | ENERGY STAR certified                                                |
| Environmental               | EPEAT Gold                                              | EPEAT Gold                                    | EPEAT Gold                                                           |
| Unit dimensions and weight  | (H) 15.24 in (W) 7.40 in (D) 17.24 in<br>Weight 18.0lbs | 3.95x 15.1x 12.1 in; 11.1lbs                  | 7.09 x 14.57 x 16.34 inches<br>Weight 30.0lbs, maximum configuration |

| 1.4 Workstation 2 (i9 Proc) | Dell                                                                                                                                                                                                                                                                                                                                     | HP                                                                                                                                 | Lenovo                                                                                                                                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                 | Entry-Level GIS, CAD Design, 3D Modeling, Video Editing, Multiple Virtual Machines, Software Development, Engineering Tasks, Advanced System Management, etc. Support for up to 3 digital monitors                                                                                                                                       |                                                                                                                                    |                                                                                                                                                                                                                                   |
| Vendor Model Number         | Dell Pro Max Tower T2                                                                                                                                                                                                                                                                                                                    | Z2 SFF G9                                                                                                                          | ThinkStation P3 Tower                                                                                                                                                                                                             |
| Operating System            | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                                                                                    | Windows 11 Pro 64 bit                                                                                                              | Windows 11 Pro 64 bit                                                                                                                                                                                                             |
| Processor                   | Intel Core Ultra 9 285K (36 MB cache, 24 cores, 24 threads, 3.2 GHz to 5.7 GHz, 125W)                                                                                                                                                                                                                                                    | Intel® Core™ i9 14th Gen 14900K (36 MB cache, 24 cores, 32 threads, 3.2 GHz to 6.0 GHz, 125W)                                      | Intel® Core™ i9 14th Gen 14900K (36 MB cache, 24 cores, 32 threads, 3.2 GHz to 6.0 GHz, 125W)                                                                                                                                     |
| Trusted Platform Module     | Yes                                                                                                                                                                                                                                                                                                                                      | Yes                                                                                                                                | Yes                                                                                                                                                                                                                               |
| Memory                      | 64GB: 2 x 32 GB, DDR5, 5600 MT/s, non-ECC                                                                                                                                                                                                                                                                                                | 64GB (2x32GB) DDR5 4800 UDIMM NECC Memory, expandable to 128.0GB)                                                                  | 64 GB DDR5-4400MHz (UDIMM) (2x32GB) expandable to 128GB                                                                                                                                                                           |
| Video Card                  | NVIDIA RTX 2000 ADA, 16 GB GDDR6, 4 mDP to DP adapters                                                                                                                                                                                                                                                                                   | NVIDIA RTX 2000 ADA 16 GB 4mDP GFX                                                                                                 | NVIDIA RTX™ 2000 Ada Generation 16GB GDDR6 with 4 mDP ports                                                                                                                                                                       |
| Cables / Connectors         | HDD Cables for 0-2 Internal Drive                                                                                                                                                                                                                                                                                                        | Includes 4 mDP to DP adapters                                                                                                      | Mini-DisplayPort to DisplayPort Dongle (4X90L13971 - Order Separately)                                                                                                                                                            |
| 1st Hard Drive              | 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD                                                                                                                                                                                                                                                                                                     | 1TB PCIe-4x4 2280 Value M.2 Solid State Drive (Capable of supporting Raid, if RAID requirements are met)                           | 1TB PCIe-4x4 2280 Value M.2 Solid State Drive                                                                                                                                                                                     |
| PCIe Slots                  | Three (3) slots - (2) available                                                                                                                                                                                                                                                                                                          | Two (2) Free Slots                                                                                                                 | 4 x PCIe Slots. 1 x16 Slot holds the NVIDIA RTX 2000 Ada Graphics.<br>Open slots are:<br>1 x PCIe 4.0 x16<br>2 x PCIe 3.0 x1                                                                                                      |
| USB Ports                   | Front Ports: Front: USB 3.2 Gen 1 (5 Gbps) port; USB 3.2 Gen 1 (5 Gbps) port with PowerShare; USB 3.2 Gen 2 (10 Gbps) Type-C® port; USB 3.2 Gen 2x2 (20 Gbps) Type-C® port with PowerShare<br><br>Rear Ports: (2) USB 2.0 (480 Mbps) ports with SmartPower; (2) USB 3.2 Gen 2 (10 Gbps) ports; (2) USB 3.2 Gen 2 (10 Gbps) Type-C® ports | Front Ports:<br>(1) USB-C Power Deliver, (4) USB-A 10 Gbps<br>Rear Ports:<br>(2) USB-A 10Gbps, (1) USB-A 5Gbps, (3) USB-A 480 Mbps | Front: 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only<br>2x USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>2x USB-A (USB 10Gbps / USB 3.2 Gen 2)<br><br>Rear: 4x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On |
| Integrated NIC              | Integrated RJ45 Ethernet port 10/100/1000 Mbps                                                                                                                                                                                                                                                                                           | Integrated Intel® I219-LM GbE                                                                                                      | Integrated Ethernet (10/100/100), Wake on LAN                                                                                                                                                                                     |
| Keyboard                    | Dell KB216 Wired Multi-Media Keyboard                                                                                                                                                                                                                                                                                                    | HP USB 320K Keyboard                                                                                                               | USB, Traditional, Black - English (US)                                                                                                                                                                                            |
| Mouse                       | Dell MS116 Wired Mouse - USB, 2- button, optical Mouse with scroll                                                                                                                                                                                                                                                                       | HP Wired 320M Mouse                                                                                                                | USB Calliope Mouse Black                                                                                                                                                                                                          |
| Audio                       | Intel HDA (high-definition audio)                                                                                                                                                                                                                                                                                                        | Realtek ALC3252                                                                                                                    | High Definition (HD) Audio, Realtek® ALC897Q-CG codec                                                                                                                                                                             |
| Expansion Bays              | (3) Internal Bays                                                                                                                                                                                                                                                                                                                        | One (1) available                                                                                                                  | (4) Empty 3.5" Bays                                                                                                                                                                                                               |

| 1.4 Workstation 2 (i9 Proc) | Dell                                                                                                                                           | HP                                                      | Lenovo                                                               |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------|
| Hardware Warranty           | ProSupport: Next Business Day Onsite, 3 Years                                                                                                  | Includes 3 Year Next Business Day, On-Site              | 3 Year Premier Priority/Advanced Support, NBD Onsite                 |
| Keep Hard Drive             | Keep Your Hard Drive, 3 Years                                                                                                                  | Includes 3 Year HP Carepack for Disk Retentions Service | 3YR KYD                                                              |
| Certification               | ISV Certified                                                                                                                                  | ISV Certified                                           | ISV Certified                                                        |
| Energy Consumption          | Yes, Energy Star                                                                                                                               | ENERGY STAR® certified                                  | ENERGY STAR certified                                                |
| Environmental               | EPEAT Gold                                                                                                                                     | EPEAT Gold                                              | EPEAT Gold                                                           |
| Unit dimensions and weight  | Height: 15.24 in. Width: 7.40 in. Depth: 17.24 in.<br>Weight: Maximum: 18 lbs.<br><br>(H) 14.68 in (W) 6.81 in (D) 16.54 in<br>Weight 16.71lbs | 3.95x 15.1x 12.1 in; 11.1lbs                            | 7.09 x 14.57 x 16.34 inches<br>Weight 30.0lbs, maximum configuration |

| 1.5 Micro/Tiny<br>(Intel i3 Proc, 512GB HD) | Dell                                                                                                                                                        | HP                    | Lenovo                 |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------|
| Description                                 | Compact business class PC designed for basic tasks such as Entry-Level Word Processing, Spreadsheets, Mail viewing, PDF viewing, Presentation Viewing, etc. |                       |                        |
| Vendor Model Number                         | Pro Micro QCM1250                                                                                                                                           | Prodesk 400 G9 DM     | ThinkCentre M70q Gen 5 |
| Operating System                            | Windows 11 Pro 64 bit                                                                                                                                       | Windows 11 Pro 64 bit | Windows 11 Pro 64 bit  |

| 1.5 Micro/Tiny<br>(Intel i3 Proc, 512GB HD) | Dell                                                                                                                                                                                                                                          | HP                                                                                                                                                             | Lenovo                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor                                   | Intel Core i3 14100T (12 MB cache, 4 cores, 8 threads, up to 4.4 GHz Turbo, 35W)                                                                                                                                                              | Intel Core i3 14100T (12 MB cache, 4 cores, 8 threads, up to 4.4 GHz Turbo, 35W)                                                                               | Intel Core i3 14100T (12 MB cache, 4 cores, 8 threads, up to 4.4 GHz Turbo, 35W)                                                                                                                                                                                                                                                             |
| Trusted Platform Module                     | Yes                                                                                                                                                                                                                                           | Yes                                                                                                                                                            | Yes                                                                                                                                                                                                                                                                                                                                          |
| Memory                                      | 16 GB, 2 x 8 GB, DDR5, expandable to 64GB                                                                                                                                                                                                     | 16GB (1x16GB) DDR5 4800 SODIMM Memory; (can upgrade to 64GB would require removal of current memory and replace with 2 x32gb modules)                          | 16 GB DDR5-4800MHz (SODIMM) expandable to 64GB                                                                                                                                                                                                                                                                                               |
| Video Card                                  | Intel Integrated Graphics - support for 2 external 4K displays                                                                                                                                                                                | Integrated: Intel® UHD Graphics                                                                                                                                | Integrated Graphics with support for up to 2 Digital Monitors @2560x1440                                                                                                                                                                                                                                                                     |
| 1st Hard Drive                              | M.2 2230 512GB PCIe NVMe SSD                                                                                                                                                                                                                  | 512GB PCIe-4x4 NVMe TLC Solid State Drive                                                                                                                      | M.2 2230 512GB PCIe NVMe Class 35 SSD                                                                                                                                                                                                                                                                                                        |
| PCIe Slots                                  | N/A                                                                                                                                                                                                                                           | N/A                                                                                                                                                            | N/A                                                                                                                                                                                                                                                                                                                                          |
| USB Ports                                   | Front Ports:<br>One USB 3.2 Gen 1 (5 Gbps) port with PowerShare; One USB 3.2 Gen 2 (10 Gbps) Type-C port<br><br>Rear Ports:<br>One USB 2.0 (480 Mbps) port; One USB 2.0 port (480 Mbps) with Smart Power On; Two USB 3.2 Gen 1 (5 Gbps) ports | Front Ports:<br>One (1) USB-C Port, Two (2) USB-A 10 Gbps<br><br>Rear Ports:<br>Standard Two (2) USB-A 5Gbps, One (1) USB-A 10bps; Added Two (2) USB-A 480Mbps | Front Ports:<br>1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with 5V@0.9A charging<br>1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging<br>1x USB-A (USB 10Gbps / USB 3.2 Gen 2)<br><br>Rear Ports:<br>1x USB-A (Hi-Speed USB / USB 2.0)<br>1x USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>2x USB-A (USB 10Gbps / USB 3.2 Gen 2) |
| Integrated NIC                              | Integrated RJ45 Ethernet port 10/100/1000 Mbps                                                                                                                                                                                                | Integrated Intel® I219LM GbE LOM; Intel® I225-T1 PCIe® 2.5 GbE                                                                                                 | Integrated Ethernet (10/100/100), Wake on LAN                                                                                                                                                                                                                                                                                                |
| Keyboard                                    | Dell KB216 Wired Multi-Media Keyboard                                                                                                                                                                                                         | HP USB 320K Keyboard                                                                                                                                           | USB, Traditional, Black - English (US)                                                                                                                                                                                                                                                                                                       |
| Mouse                                       | Dell MS116 Wired Mouse, Black - USB, 2-button, optical Mouse with scroll                                                                                                                                                                      | HP Black 125Mouse                                                                                                                                              | USB Calliope Mouse Black                                                                                                                                                                                                                                                                                                                     |
| Audio                                       | Internal High-Definition Audio                                                                                                                                                                                                                | Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support                                                                                 | High Definition (HD) Audio, Realtek® ALC233VB codec                                                                                                                                                                                                                                                                                          |
| Hardware Warranty                           | ProSupport: Next Business Day Onsite, 3 Years                                                                                                                                                                                                 | Includes 3 Year Next Business Day, On-Site                                                                                                                     | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                                                                                                                                                                                                         |
| Keep Hard Drive                             | Keep Your Hard Drive, 3 Year                                                                                                                                                                                                                  | Includes 3 Year HP Carepack for Disk Retention Service                                                                                                         | 3YR KYD                                                                                                                                                                                                                                                                                                                                      |
| Energy Consumption                          | ENERGY STAR® certified                                                                                                                                                                                                                        | ENERGY STAR® certified                                                                                                                                         | ENERGY STAR® certified                                                                                                                                                                                                                                                                                                                       |
| Environmental                               | EPEAT Registered Gold                                                                                                                                                                                                                         | EPEAT Gold                                                                                                                                                     | EPEAT Gold rating                                                                                                                                                                                                                                                                                                                            |
| Unit dimensions and weight                  | (W) 1.42, (D) 7.01, (H) 7.17, Weight 2.56lbs                                                                                                                                                                                                  | 6.97 x 6.89 x 1.34 in; 3.13lb                                                                                                                                  | 7.05 x 7.2 x 1.44 inches; 2.76lbs                                                                                                                                                                                                                                                                                                            |

| 1.6 Micro/Tiny<br>(Intel i5 Proc, 512GB HD,<br>Wireless Card) | Dell                                                                                                                                                        | HP                                                                               | Lenovo                                                                           |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Description                                                   | Compact business class PC designed for basic tasks such as Entry-Level Word Processing, Spreadsheets, Mail viewing, PDF viewing, Presentation Viewing, etc. |                                                                                  |                                                                                  |
| Vendor Model Number                                           | Pro Micro QCM1250                                                                                                                                           | Prodesk 400 G9 DM                                                                | ThinkCentre M70q Gen 5                                                           |
| Operating System                                              | Windows 11 Pro 64 bit                                                                                                                                       | Windows 11 Pro 64 bit                                                            | Windows 11 Pro 64 bit                                                            |
| Processor                                                     | Intel Core i5 14500T vPro (24MB cache, 14 cores, 20 threads, up to 4.8 GHz, 35W)                                                                            | Intel Core i5 14500T vPro (24MB cache, 14 cores, 20 threads, up to 4.8 GHz, 35W) | Intel Core i5 14500T vPro (24MB cache, 14 cores, 20 threads, up to 4.8 GHz, 35W) |
| Trusted Platform Module                                       | Yes                                                                                                                                                         | Yes                                                                              | Yes                                                                              |

| 1.6 Micro/Tiny<br>(Intel i5 Proc, 512GB HD,<br>Wireless Card) | Dell                                                                                                                                                                                                                                          | HP                                                                                                                                                             | Lenovo                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory                                                        | 16 GB, 2 x 8 GB, DDR5, expandable to 64GB                                                                                                                                                                                                     | 16GB (1x16GB) DDR5 4800 SODIMM Memory; (can upgrade to 64GB would require removal of current memory and replace with 2 x32gb modules)                          | 16 GB DDR5-4800MHz (SODIMM) expandable to 64GB                                                                                                                                                                                                                                                                                               |
| Video Card                                                    | Intel Integrated Graphics - support for 2 external 4K displays                                                                                                                                                                                | Integrated: Intel® UHD Graphics                                                                                                                                | Integrated Graphics with support for up to 2 Digital Monitors @2560x1440                                                                                                                                                                                                                                                                     |
| 1st Hard Drive                                                | M.2 2230 512GB PCIe NVMe SSD                                                                                                                                                                                                                  | 512GB PCIe-4x4 NVMe TLS Solid State Drive                                                                                                                      | 512GB SSD M.2 2280 PCIe Gen4 TLC Opal                                                                                                                                                                                                                                                                                                        |
| PCIe Slots                                                    | N/A                                                                                                                                                                                                                                           | N/A                                                                                                                                                            | N/A                                                                                                                                                                                                                                                                                                                                          |
| USB Ports                                                     | Front Ports:<br>One USB 3.2 Gen 1 (5 Gbps) port with PowerShare; One USB 3.2 Gen 2 (10 Gbps) Type-C port<br><br>Rear Ports:<br>One USB 2.0 (480 Mbps) port; One USB 2.0 port (480 Mbps) with Smart Power On; Two USB 3.2 Gen 1 (5 Gbps) ports | Front Ports:<br>One (1) USB-C Port, Two (2) USB-A 10 Gbps<br><br>Rear Ports:<br>Standard Two (2) USB-A 5Gbps, One (1) USB-A 10bps; Added Two (2) USB-A 480Mbps | Front Ports:<br>1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with 5V@0.9A charging<br>1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging<br>1x USB-A (USB 10Gbps / USB 3.2 Gen 2)<br><br>Rear Ports:<br>1x USB-A (Hi-Speed USB / USB 2.0)<br>1x USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>2x USB-A (USB 10Gbps / USB 3.2 Gen 2) |
| Integrated NIC                                                | Integrated RJ45 Ethernet port 10/100/1000 Mbps                                                                                                                                                                                                | Integrated Intel® I219LM GbE LOM; Intel® I225-T1 PCIe® 2.5 GbE                                                                                                 | Integrated Ethernet (10/100/100), Wake on LAN                                                                                                                                                                                                                                                                                                |
| Internal Wireless Card                                        | Intel(R) Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth(R) wireless card                                                                                                                                                                            | Intel AX211 Wi-Fi 6e Vpro 160 MHz + Bluetooth 5.3 WLAN                                                                                                         | Intel® Wi-Fi 6 AX201 2x2 AX & Bluetooth® 5.1 or above                                                                                                                                                                                                                                                                                        |
| Keyboard                                                      | Dell KB216 Wired Multi-Media Keyboard                                                                                                                                                                                                         | HP USB 320K Keyboard                                                                                                                                           | USB, Traditional, Black - English (US)                                                                                                                                                                                                                                                                                                       |
| Mouse                                                         | Dell MS116 Wired Mouse, Black - USB, 2- button, optical Mouse with scroll                                                                                                                                                                     | HP Black 125Mouse                                                                                                                                              | USB Calliope Mouse Black                                                                                                                                                                                                                                                                                                                     |
| Audio                                                         | Internal High-Definition Audio                                                                                                                                                                                                                | Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support                                                                                 | High Definition (HD) Audio, Realtek® ALC233VB codec                                                                                                                                                                                                                                                                                          |
| Hardware Warranty                                             | ProSupport: Next Business Day Onsite, 3 Years                                                                                                                                                                                                 | Includes 3 Year Next Business Day, On-Site                                                                                                                     | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                                                                                                                                                                                                         |
| Keep Hard Drive                                               | Keep Your Hard Drive, 3 Year                                                                                                                                                                                                                  | Includes 3 Year HP Carepack for Disk Retention Service                                                                                                         | 3YR KYD                                                                                                                                                                                                                                                                                                                                      |
| Energy Consumption                                            | ENERGY STAR® certified                                                                                                                                                                                                                        | ENERGY STAR® certified                                                                                                                                         | ENERGY STAR® certified                                                                                                                                                                                                                                                                                                                       |
| Environmental                                                 | EPEAT Registered Gold                                                                                                                                                                                                                         | EPEAT Gold                                                                                                                                                     | EPEAT Gold rating                                                                                                                                                                                                                                                                                                                            |
| Unit dimensions and weight                                    | (W) 1.42, (D) 7.01, (H) 7.17, Weight 2.56lbs                                                                                                                                                                                                  | 6.97 x 6.89 x 1.34 in; 3.13lb                                                                                                                                  | 7.05 x 7.2 x 1.44 inches; 2.76lbs                                                                                                                                                                                                                                                                                                            |



Portable/Laptop Configurations

| 2.1a-b Standard Laptop (Intel, Non-Touchscreen) | Dell                                                                                          | HP                    | Lenovo                | Microsoft |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------|
| Description                                     | General Purpose Business Class Laptop, support for up to 3 monitors (including laptop screen) |                       |                       |           |
| Vendor Model Number                             | Pro 14 (PC14250)                                                                              | Probook 440 G11       | ThinkPad E14 Gen 6    |           |
| Operating System                                | Windows 11 Pro 64 bit                                                                         | Windows 11 Pro 64 bit | Windows 11 Pro 64 bit |           |

| 2.1a-b Standard Laptop (Intel, Non-Touchscreen)         | Dell                                                                                                                                                                                | HP                                                                                                   | Lenovo                                                                                                                                                                                                                                                            | Microsoft |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Processor                                               | Intel(R) Core(TM) Ultra 5 235U<br>vPro(R) (12 TOPS NPU, 12 cores, up to 4.9 GHz)                                                                                                    | Intel® Core™ Ultra 5 125U (12MB cache, 12 cores, 14 threads, up to 4.3 GHz Max Turbo)                | Intel® Core™ Ultra 5 125U (12MB cache, 12 cores, 14 threads, up to 4.3 GHz Max Turbo)                                                                                                                                                                             |           |
| Trusted Platform Module                                 | Yes                                                                                                                                                                                 | Yes                                                                                                  | Yes                                                                                                                                                                                                                                                               |           |
| Memory                                                  | 16 GB: 2 x 8 GB, DDR5, 5600 MT/s (5200 MT/s with Intel Core processors)                                                                                                             | 16GB (2x8GB) DDR4 3200, expandable to 32.0GB if the current memory is replaced with (2x16GB) models. | 16 GB DDR5-5600MHz (SODIMM) - (2 x 8 GB, expandable to 32GB)                                                                                                                                                                                                      |           |
| Video                                                   | Integrated Intel(R) graphics                                                                                                                                                        | Intel® Arc™ Graphics                                                                                 | Supports up to 4 independent displays (native display and 3 external monitors via HDMI®, USB-C®, and Thunderbolt™)                                                                                                                                                |           |
| Video Display                                           | 14", Non-Touch, FHD+, 300 nit, 45% NTSC, Anti-Glare, FHD Cam ( <b>Non-touch</b> )                                                                                                   | 14.0 inch AG WUXGA (1920x1200) LED ( <b>Non-Touch</b> )                                              | 14" WUXGA (1920 x 1200), IPS, Anti-Glare, Non-Touch, 45%NTSC, 300 nits, 60Hz ( <b>Non-Touch</b> )                                                                                                                                                                 |           |
| Hard Drive,                                             | <b>AGENCY CAN CHOOSE EITHER:</b><br>256 GB TLC SSD<br><b>OR</b><br>512GB PCIe NVMe Value SSD                                                                                        | <b>AGENCY CAN CHOOSE EITHER:</b><br>256GB PCIe NVMe SSD<br><b>OR</b><br>512GB PCIe NVMe Value SSD    | <b>AGENCY CAN CHOOSE EITHER:</b><br>256GB PCIe NVMe SSD<br><b>OR</b><br>512GB PCIe NVMe Value SSD                                                                                                                                                                 |           |
| USB Ports                                               | 1 x USB Type-C Thunderbolt 4.0 with Power Delivery 3.1 & DisplayPort 2.1<br>1x USB Type-C with Power Delivery 3.1 & DisplayPort 2.0<br>2 x USB 3.2 Gen 1 Type-A (1 with PowerShare) | 2 USB Type-A<br>2 USB Type-C                                                                         | (1) USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>(1) USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On<br>(1) USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4<br>(1) USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1 |           |
| HDMI or DisplayPort or USB-C                            | 1 x HDMI 2.1 port<br>1 x USB Type-C Thunderbolt 4.0 with Power Delivery 3.1 & DisplayPort 2.1<br>1x USB Type-C with Power Delivery 3.1 & DisplayPort 2.0                            | (1) HDMI, (2) USB Type-C®                                                                            | (1) USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4<br>(1) USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1<br>(1) HDMI® 2.1, up to 4K/60Hz                                                               |           |
| Integrated NIC Port or Mobile Ethernet Adapter included | Integrated ethernet RJ45                                                                                                                                                            | Integrated Ethernet Port                                                                             | Integrated ethernet port (RJ-45)                                                                                                                                                                                                                                  |           |
| Bluetooth                                               | Bluetooth 5.3                                                                                                                                                                       | Bluetooth 5.3                                                                                        | Bluetooth 5.2                                                                                                                                                                                                                                                     |           |

| 2.1a-b Standard Laptop (Intel, Non-Touchscreen) | Dell                                                               | HP                                                                                                     | Lenovo                                                                                                                                                             | Microsoft |
|-------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Internal Wireless Adapter                       | Intel Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax       | Intel AX211 W-Fi 6E + BT                                                                               | Intel® Wi-Fi 6 AX201 2x2 AX& Bluetooth® 5.1 or above                                                                                                               |           |
| Webcam                                          | FHD HDR RGB Camera, TNR, Camera Shutter, Microphone                | FHD Camera                                                                                             | FHD 1080p, with privacy shutter, fixed focus                                                                                                                       |           |
| Power                                           | 65W AC adapter, USB Type-C, 3' power cord; E4 Power Cord 1M for US | 65W USB-C w/ 1.0m cable                                                                                | 65W USB-C® (2-pin) AC adapter                                                                                                                                      |           |
| Audio                                           | 2 x 2W Speakers, Waves MaxxAudio® Pro audio output processing      | Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones | Stereo speakers, 2W x2, Dolby Atmos®, audio by HARMAN                                                                                                              |           |
| Battery                                         | 3-cell, 45 Wh, ExpressCharge Capable, up to 9 hours 37 minutes     | Up to 13hrs                                                                                            | Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr)<br>MobileMark® 25: up to 11.8 hr with 793 performance score @250nits; supports |           |
| Hardware Warranty                               | ProSupport: Next Business Day Onsite, 3 Years                      | Includes 3 Year Next Business Day, On-Site                                                             | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                               |           |
| Keep Hard Drive                                 | Keep Your Hard Drive, 3 Year                                       | Includes 3 Year HP Carepack for Disk Retentions Service                                                | 3YR KYD                                                                                                                                                            |           |
| Energy Consumption                              | ENERGY STAR® certified                                             | ENERGY STAR® certified                                                                                 | ENERGY STAR® certified                                                                                                                                             |           |
| Environmental                                   | EPEAT® Gold                                                        | EPEAT GOLD                                                                                             | EPEAT Gold                                                                                                                                                         |           |
| Unit dimensions and weight                      | Width: 12.35 in, Depth: 8.87 in, Height: 0.74 , Weight: 2.99lbs    | 12.54 x 8.83 x 0.43 in; 3.08lbs                                                                        | 12.32 x 8.63 x 0.73 inches; 3.14lbs                                                                                                                                |           |

| 2.2a-b Standard Laptop (Intel, Touchscreen) | Dell                                                                                          | HP                    | Lenovo                | Microsoft             |
|---------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|
| Description                                 | General Purpose Business Class Laptop, support for up to 3 monitors (including laptop screen) |                       |                       |                       |
| Vendor Model Number                         | Pro 14 (PC14250)                                                                              | Probook 440 G11       | ThinkPad E14 Gen 6    | Surface Laptop 6 15”  |
| Operating System                            | Windows 11 Pro 64 bit                                                                         | Windows 11 Pro 64 bit | Windows 11 Pro 64 bit | Windows 11 Pro 64 bit |

| 2.2a-b Standard Laptop (Intel, Touchscreen) | Dell                                                                                                                                                                                | HP                                                                                                   | Lenovo                                                                                                                                                                                                                                                       | Microsoft                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor                                   | Intel(R) Core(TM) Ultra 5 235U vPro(R) (12 TOPS NPU, 12 cores, up to 4.9 GHz                                                                                                        | Intel® Core™ Ultra 5 125U (12MB cache, 12 cores, 14 threads, up to 4.3 GHz Max Turbo)                | Intel® Core™ Ultra 5 125U (12MB cache, 12 cores, 14 threads, up to 4.3 GHz Max Turbo)                                                                                                                                                                        | Intel® Core™ Ultra 7 processor 165H                                                                                                                                                                                                                                                                                                                                                          |
| Trusted Platform Module                     | Yes                                                                                                                                                                                 | Yes                                                                                                  | Yes                                                                                                                                                                                                                                                          | Yes                                                                                                                                                                                                                                                                                                                                                                                          |
| Memory                                      | 16 GB: 2 x 8 GB, DDR5, 5600 MT/s (5200 MT/s with Intel Core processors)                                                                                                             | 16GB (2x8GB) DDR4 3200, expandable to 32.0GB if the current memory is replaced with (2x16GB) models. | 16 GB DDR5-5600MHz (SODIMM) - (2 x 8 GB, expandable to 32GB)                                                                                                                                                                                                 | 16.0GB (not expandable)                                                                                                                                                                                                                                                                                                                                                                      |
| Video                                       | Intel Integrated Graphics; support up to two 4K external displays plus laptop display.                                                                                              | Intel® Arc™ Graphics                                                                                 | Supports up to 4 independent displays (native display and 3 external monitors via HDMI®, USB-C®, and Thunderbolt™)                                                                                                                                           | Intel® Arc™ Graphics                                                                                                                                                                                                                                                                                                                                                                         |
| Video Display                               | 14", <b>Touch</b> , FHD+, 300 nit, 100% sRGB, Anti-Glare, FHD+IR Cam                                                                                                                | 14.0 inch AG WUXGA (1920x1200) LED UWVA 300 f5MP IR <b>Touchscreen</b> bnt LCD Panel                 | 14" WUXGA (1920 x 1200), IPS, Anti-Glare, <b>Touch</b> , 45%NTSC, 300 nits                                                                                                                                                                                   | <b>Touchscreen:</b> 15-inch PixelSense™ display<br>Resolution: 2496 x 1664 (201 PPI)<br>Aspect ratio: 3:2<br>Contrast ratio 1300:1<br>Color profile: sRGB and Enhanced<br>Individually color-calibrated display<br>Adaptive color<br>Touch: 10-point multi-touch<br>Dolby Vision IQ™ support13<br>Corning® Gorilla® Glass 5<br>Anti-reflective<br>Brightness: SDR 400 nits maximum (typical) |
| Hard Drive                                  | <b>AGENCY CAN CHOOSE EITHER:</b><br>256GB PCIe NVMe SSD<br><b>OR</b><br>512GB PCIe NVMe Value SSD                                                                                   | <b>AGENCY CAN CHOOSE EITHER:</b><br>256GB PCIe NVMe SSD<br><b>OR</b><br>512GB PCIe NVMe Value SSD    | <b>AGENCY CAN CHOOSE EITHER:</b><br>256GB PCIe NVMe SSD<br><b>OR</b><br>512GB PCIe NVMe Value SSD                                                                                                                                                            | 512GB SSD                                                                                                                                                                                                                                                                                                                                                                                    |
| USB Ports                                   | 1 x USB Type-C Thunderbolt 4.0 with Power Delivery 3.1 & DisplayPort 2.1<br>1x USB Type-C with Power Delivery 3.1 & DisplayPort 2.0<br>2 x USB 3.2 Gen 1 Type-A (1 with PowerShare) | 2 USB Type-A<br>2 USB Type-C                                                                         | (1) USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>(1) USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On<br>(1) USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4<br>(1) USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), w/USB PD 3.0 & DisplayPort™ 2.1 | (2) USB-C® with USB 4.0/Thunderbolt™ 4<br>(1) USB-A 3.1                                                                                                                                                                                                                                                                                                                                      |
| HDMI or DisplayPort or USB-C                | 1 x HDMI 2.1 port<br>1 x USB Type-C Thunderbolt 4.0 with Power Delivery 3.1 & DisplayPort 2.1                                                                                       | (1) HDMI, (2) USB Type-C®                                                                            | (1) USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4<br>(1) USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), w/USB PD 3.0 & DisplayPort™ 2.1                                                                                               | (2) USB-C® with USB 4.0/Thunderbolt™ 4                                                                                                                                                                                                                                                                                                                                                       |

| 2.2a-b Standard Laptop (Intel, Touchscreen)             | Dell                                                                     | HP                                                                                                     | Lenovo                                                                                                                                                             | Microsoft                                                                                                        |
|---------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|                                                         | 1x USB Type-C with Power Delivery 3.1 & DisplayPort 2.0                  |                                                                                                        | (1) HDMI® 2.1, up to 4K/60Hz                                                                                                                                       |                                                                                                                  |
| Integrated NIC Port or Mobile Ethernet Adapter included | Integrated ethernet RJ45                                                 | Integrated Ethernet Port                                                                               | Integrated ethernet port (RJ-45)                                                                                                                                   | USB-C Travel Hub (must be purchased separately – part# 1E4-00001, Item 2.31)                                     |
| Bluetooth                                               | Bluetooth 5.3                                                            | Bluetooth 5.3                                                                                          | Bluetooth 5.2                                                                                                                                                      | Bluetooth 5.3                                                                                                    |
| Internal Wireless Adapter                               | Intel Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax             | Intel AX211 W-Fi 6E + BT                                                                               | Intel® Wi-Fi 6 AX201 2x2 AX& Bluetooth® 5.1 or above                                                                                                               | Wi-Fi 6E: 802.11ax compatible                                                                                    |
| Webcam                                                  | FHD HDR + IR Camera, Facial Recognition, TNR, Camera Shutter, Microphone | FHD Camera                                                                                             | FHD 1080p, with privacy shutter, fixed focus                                                                                                                       | 1080p Full HD front-facing Surface Studio camera (no privacy shutter)                                            |
| Power                                                   | 65W AC adapter, USB Type-C, 3' power cord                                | 65W USB-C w/ 1.0m cable                                                                                | 65W USB-C® (2-pin) AC adapter                                                                                                                                      | Power Supply: 65W                                                                                                |
| Audio                                                   | 2 x 2W Speakers, Waves MaxxAudio® Pro audio output processing            | Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones | Stereo speakers, 2W x2, Dolby Atmos®, audio by HARMAN                                                                                                              | Omnisonic® Speakers with Dolby® Atmos®                                                                           |
| Battery                                                 | 3-cell, 45 Wh, ExpressCharge Capable, up to 9 hours 37 minutes           | Up to 13hrs                                                                                            | Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr)<br>MobileMark® 25: up to 11.8 hr with 793 performance score @250nits; supports | Up to 19 hours of typical device usage                                                                           |
| Hardware Warranty                                       | ProSupport: Next Business Day Onsite, 3 Years                            | Includes 3 Year Next Business Day, On-Site                                                             | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                               | 3YR NBD Accidental Damage coverage (must be added to order – part# ZWL-00042)<br>Microsoft does not offer onsite |
| Keep Hard Drive                                         | Keep Your Hard Drive, 3 Year                                             | Includes 3 Year HP Carepack for Disk Retentions Service                                                | 3YR KYD                                                                                                                                                            | Included with 3 Year warranty part above                                                                         |
| Energy Consumption                                      | ENERGY STAR® certified                                                   | ENERGY STAR® certified                                                                                 | ENERGY STAR® certified                                                                                                                                             | ENERGY STAR® certified                                                                                           |
| Environmental                                           | EPEAT® Gold                                                              | EPEAT GOLD                                                                                             | EPEAT Gold                                                                                                                                                         | EPEAT Gold                                                                                                       |
| Unit dimensions and weight                              | Width: 12.35 in, Depth: 8.87 in, Height: 0.74, Weight: 2.99lbs.          | 12.54 x 8.83 x 0.43 in; 3.08lbs                                                                        | 12.32 x 8.63 x 0.73 inches; 3.14lbs                                                                                                                                | 13.4 x 9.6 x 0.67 inches, 3.70 lb.                                                                               |

| 2.2a-b Standard Laptop (Intel, Touchscreen)<br>(Alternate Model) | Dell                                                                                          | HP | Lenovo | Microsoft                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                                                      | General Purpose Business Class Laptop, support for up to 3 monitors (including laptop screen) |    |        |                                                                                                                                                                                                                                                                                             |
| Vendor Model Number                                              |                                                                                               |    |        | Surface Laptop 7th Edition 13"                                                                                                                                                                                                                                                              |
| Operating System                                                 |                                                                                               |    |        | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                                       |
| Processor                                                        |                                                                                               |    |        | Qualcomm® Snapdragon® X Plus                                                                                                                                                                                                                                                                |
| Trusted Platform Module                                          |                                                                                               |    |        | Yes                                                                                                                                                                                                                                                                                         |
| Memory                                                           |                                                                                               |    |        | 16.0GB (not expandable)                                                                                                                                                                                                                                                                     |
| Video                                                            |                                                                                               |    |        | Qualcomm® Adreno™ GPU                                                                                                                                                                                                                                                                       |
| Video Display                                                    |                                                                                               |    |        | <b>Touchscreen:</b> 13.8-inch PixelSense Flow™ Display<br>Resolution: 2304 x 1536 (201 PPI)<br>Aspect ratio: 3:2                                                                                                                                                                            |
| Hard Drive                                                       |                                                                                               |    |        | <b>AGENCY CAN CHOOSE EITHER:</b><br>256GB SSD<br><b>OR</b><br>512GB SSD                                                                                                                                                                                                                     |
| USB Ports                                                        |                                                                                               |    |        | (2) USB-C®/ USB4® ports with support for: Charging, Data transfer, DisplayPort 1.4a, Surface Thunderbolt™ 4 Dock and other accessories<br>Supports fast charging with minimum 65W power supply via Surface Connect or USB-C®8<br>USB-A 3.1<br>3.5 mm headphone jack<br>Surface Connect port |
| HDMI or DisplayPort or USB-C                                     |                                                                                               |    |        | (2) USB-C® with USB 4.0/Thunderbolt™ 4                                                                                                                                                                                                                                                      |
| Integrated NIC Port or Mobile Ethernet Adapter included          |                                                                                               |    |        | USB-C Travel Hub <b>(must be purchased separately – part# 1E4-00001, Item 2.31)</b>                                                                                                                                                                                                         |
| Bluetooth                                                        |                                                                                               |    |        | Bluetooth 5.4                                                                                                                                                                                                                                                                               |

| 2.2a-b Standard Laptop (Intel, Touchscreen)<br>(Alternate Model) | Dell | HP | Lenovo | Microsoft                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------|------|----|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Internal Wireless Adapter                                        |      |    |        | Wi-Fi 7 /802.11a/b/g/n/ac/ax/be, Bluetooth 5.4                                                                                                                                                                                                                                    |
| Webcam                                                           |      |    |        | Full HD front-facing Surface Studio Camera 1080p Full HD camera (no privacy shutter) Windows Studio Effects with automatic framing, Portrait Blur, Creative filters (illustrated, animated, watercolor), Eye Contact, and Portrait Light Windows Hello face authentication camera |
| Power                                                            |      |    |        | Power Supply: 65W                                                                                                                                                                                                                                                                 |
| Audio                                                            |      |    |        | Dual Studio Mics with Voice Focus6 Omnisonic® Speakers with Dolby® Atmos®18 Support for Bluetooth® LE Audio                                                                                                                                                                       |
| Battery                                                          |      |    |        | Up to 22 hours of local video playback16<br>Up to 15 hours of active web usage17                                                                                                                                                                                                  |
| Hardware Warranty                                                |      |    |        | 3YR NBD Accidental Damage coverage (must be added to order – part# ZWL-00042)<br>Microsoft does not offer onsite                                                                                                                                                                  |
| Keep Hard Drive                                                  |      |    |        | Included with 3 Year warranty part above                                                                                                                                                                                                                                          |
| Energy Consumption                                               |      |    |        | ENERGY STAR® certified                                                                                                                                                                                                                                                            |
| Environmental                                                    |      |    |        | EPEAT Gold                                                                                                                                                                                                                                                                        |
| Unit dimensions and weight                                       |      |    |        | 12.96 x 9.41 x 0.72 inches, 3.67lbs.                                                                                                                                                                                                                                              |

| 2.3a-b High End Laptop<br>(Intel Processor, non-vPro) | Dell                                                                                                                                                                                                           | HP                                                                                                                                                                                                                                                 | Lenovo                                                                                                                                                                                                                                               | Microsoft                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                                           | Business Class Laptop designed for increased performance and productivity                                                                                                                                      |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vendor Model Number                                   | Pro 16 (PC16250)                                                                                                                                                                                               | Elitebook 660 G11                                                                                                                                                                                                                                  | ThinkPad L16 Gen 1                                                                                                                                                                                                                                   | Surface Laptop 6 15”                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Operating System                                      | Windows 11 Pro 64 bit                                                                                                                                                                                          | Windows 11 Pro 64 bit                                                                                                                                                                                                                              | Windows 11 Pro 64 bit                                                                                                                                                                                                                                | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Processor                                             | Intel(R) Core(TM) Ultra 7 255U (12 TOPS NPU, 12 cores, up to 5.2 GHz)                                                                                                                                          | Intel Core Ultra 7 155U (12MB cache, 12 cores, 14 threads, up to 4.80 GHz)                                                                                                                                                                         | Intel Core Ultra 7 155U (12MB cache, 12 cores, 14 threads, up to 4.80 GHz)                                                                                                                                                                           | Intel® Core™ Ultra 7 processor 165H                                                                                                                                                                                                                                                                                                                                                                                                             |
| Trusted Platform Module                               | Yes                                                                                                                                                                                                            | Yes                                                                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                  | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Memory                                                | 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, expandable to 64GB                                                                                                                                                          | 2GB (2x16GB) DDR5 5600 SODIMM Memory (expandable to 64GB with replacement of current memory by 2 x 32GB dimms)                                                                                                                                     | 32 GB DDR5-5600MHz (SODIMM) - (2 x 16 GB) expandable to 64GB                                                                                                                                                                                         | 32.0GB LPDDR5x RAM (not expandable)                                                                                                                                                                                                                                                                                                                                                                                                             |
| Video                                                 | Intel Integrated Graphics; support up to two 4K external displays plus laptop display.                                                                                                                         | Intel® Arc™ Graphics;                                                                                                                                                                                                                              | Supports up to 4 independent displays (native display and 3 external monitors via HDMI®, USB-C®, and Thunderbolt™)                                                                                                                                   | Intel® Arc™ Graphics                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Video Display                                         | <p><b>AGENCY CAN CHOOSE EITHER:</b></p> <p>16", <b>Non-Touch</b>, FHD+, 300 nit, 45% NTSC, Anti-Glare, FHD Cam</p> <p><b>OR</b></p> <p>16", <b>Touch</b>, FHD+, 300 nit, 100% sRGB, Anti-Glare, FHD+IR Cam</p> | <p><b>AGENCY CAN CHOOSE EITHER:</b></p> <p>16.0-inch AG WUXGA (1920x1200) LED UWVA 300 fFHDc 60Hz bnt LCD Panel (<b>Non-Touch</b>)</p> <p><b>OR</b></p> <p>16.0-inch AG WUXGA(1920x1200) LED UWVA 300 f5mp IR <b>Touchscreen</b> bnt LCD Panel</p> | <p><b>AGENCY CAN CHOOSE EITHER:</b></p> <p>16" WUXGA (1920 x 1200), IPS, Anti-Glare, <b>Non-Touch</b>, 45%NTSC, 300 nits, 60Hz</p> <p><b>OR</b></p> <p>16" WUXGA (1920 x 1200), IPS, Anti-Glare, <b>Touch</b>, 45%NTSC, 300 nits, 60Hz</p>           | <p><b>Touchscreen:</b> 15-inch PixelSense™ display</p> <p>Resolution: 2496 x 1664 (201 PPI)</p> <p>Aspect ratio: 3:2</p> <p>Contrast ratio 1300:1</p> <p>Color profile: sRGB and Enhanced</p> <p>Individually color-calibrated display</p> <p>Adaptive color</p> <p>Touch: 10-point multi-touch</p> <p>Dolby Vision IQ™ support13</p> <p>Corning® Gorilla® Glass 5</p> <p>Anti-reflective</p> <p>Brightness: SDR 400 nits maximum (typical)</p> |
| Hard Drive                                            | 512 GB SSD                                                                                                                                                                                                     | 512GB PCIe NVMe TLC SSD                                                                                                                                                                                                                            | 512 GB SSD M.2 2242 PCIe Gen4 TLC Opal                                                                                                                                                                                                               | 1TB SSD                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| USB Ports                                             | 2 x USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 & DisplayPort 2.1<br>2 x USB 3.2 Gen 1 Type-A (1x with Power share)                                                                                    | (2) USB-A                                                                                                                                                                                                                                          | 1x USB-A (Hi-Speed USB /USB 2.0)<br>2x USB-A (USB 5Gbps /USB 3.2 Gen 1), one Always On<br>1x USB-C® (USB 20Gbps /USB 3.2 Gen 2x2), w/USB PD 3.0 and DisplayPort™ 1.4<br>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), w/USB PD 3.0 and DisplayPort™ 2.1 | 2 x USB-C® with USB 4.0/Thunderbolt™ 4<br>1 x USB-A 3.1                                                                                                                                                                                                                                                                                                                                                                                         |



| 2.3a-b High End Laptop<br>(Intel Processor, non-vPro)          | Dell                                                                                           | HP                                                                                                     | Lenovo                                                                                                                                                                                        | Microsoft                                                                                                     |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>HDMI or DisplayPort OR One (1) USB-C Port</b>               | (1) HDMI 2.1 port<br>(2) USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 & DisplayPort 2.1 | (1) HDMI<br>(2) Thunderbolt 4 with USB-C                                                               | 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), w/USB PD 3.0 and DisplayPort™ 1.4<br>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1<br>1x HDMI® 2.1, up to 4K/60Hz | 2 x USB-C® with USB 4.0/Thunderbolt™ 4                                                                        |
| <b>Integrated NIC Port or Mobile Ethernet Adapter included</b> | Integrated ethernet RJ45                                                                       | Integrated Ethernet Port                                                                               | Integrated ethernet port (RJ-45)                                                                                                                                                              | USB-C Travel Hub (must be purchased separately – part# 1E4-00001, Item 2.31)                                  |
| <b>Bluetooth</b>                                               | Bluetooth 5.3                                                                                  | Bluetooth 5.3                                                                                          | Bluetooth 5.3                                                                                                                                                                                 | Bluetooth 5.3                                                                                                 |
| <b>Internal Wireless Adapter</b>                               | Intel® Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax, Bluetooth® 5.3 wireless card    | Intel AX 211Wi-Fi 6E + BT                                                                              | Intel® Wi-Fi 6E AX211 2x2 AX vPro® & Bluetooth® 5.3                                                                                                                                           | Wi-Fi 6E: 802.11ax compatible                                                                                 |
| <b>Webcam</b>                                                  | FHD HDR RGB Camera, TNR, Camera Shutter, Microphone                                            | FHD Camera, includes shutter                                                                           | HD 720p, with privacy shutter, fixed focus                                                                                                                                                    | 1080p Full HD front-facing Surface Studio camera (no privacy shutter)                                         |
| <b>Audio</b>                                                   | 2 x 2W Speakers, Cirrus Logic audio output processing                                          | Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones | Stereo speakers, 2W x2, Dolby® Audio™                                                                                                                                                         | Power Supply: 65W                                                                                             |
| <b>Power</b>                                                   | 65W AC adapter, USB Type-C, 3' power cord                                                      | 65 65W USB-C w/ 1.0m cable                                                                             | 65W USB-C® (2-pin) AC adapter                                                                                                                                                                 | Omnisonic® Speakers with Dolby® Atmos®                                                                        |
| <b>Battery</b>                                                 | 3-cell, 45 Wh, ExpressCharge Capable, up to 8 hours 38 minutes                                 | UP to 13hrs 52 min                                                                                     | Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter<br><br>MobileMark® 25: up to 13.68 hr with 722 performance score @250nits             | Up to 19 hours of typical device usage                                                                        |
| <b>Hardware Warranty</b>                                       | ProSupport: Next Business Day Onsite, 3 Years                                                  | Includes 3 Year Next Business Day, On-Site                                                             | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                                                          | 3YR NBD Accidental Damage coverage (must be added to order – part# ZWL-00042) Microsoft does not offer onsite |
| <b>Keep Hard Drive</b>                                         | Keep Your Hard Drive, 3 Year                                                                   | Includes 3 Year HP Carepack for Disk Retention Service                                                 | 3YR KYD                                                                                                                                                                                       | Included with 3 Year warranty part above                                                                      |
| <b>Energy Consumption</b>                                      | ENERGY STAR® certified                                                                         | ENERGY STAR® certified                                                                                 | ENERGY STAR® certified                                                                                                                                                                        | ENERGY STAR® certified                                                                                        |
| <b>Environmental</b>                                           | EPEAT® Gold                                                                                    | EPEAT GOLD                                                                                             | EPEAT Gold                                                                                                                                                                                    | EPEAT Gold                                                                                                    |

| 2.3a-b High End Laptop<br>(Intel Processor, non-vPro) | Dell                                                    | HP                              | Lenovo                               | Microsoft                          |
|-------------------------------------------------------|---------------------------------------------------------|---------------------------------|--------------------------------------|------------------------------------|
| Unit dimensions and weight                            | Height 0.84, Width 14.1, Depth 9.9 in<br>weight 4.06lbs | 14.14 x 9.88 x 0.42 in; 3.85lbs | 14.06 x 9.98 x 0.82 inches; 3.90lbs. | 13.4 x 9.6 x 0.67 inches, 3.70 lb. |

| 2.3b High End Laptop<br>(Intel Processor, non-vPro)<br>(Alternate Model) | Dell                                                                      | HP | Lenovo | Microsoft                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------|----|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                                                              | Business Class Laptop designed for increased performance and productivity |    |        |                                                                                                                                                                                                                                                                                                              |
| Vendor Model Number                                                      |                                                                           |    |        | Surface Laptop 7th Edition 15"                                                                                                                                                                                                                                                                               |
| Operating System                                                         |                                                                           |    |        | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                                                        |
| Processor                                                                |                                                                           |    |        | Qualcomm® Snapdragon® X Elite                                                                                                                                                                                                                                                                                |
| Trusted Platform Module                                                  |                                                                           |    |        | Yes                                                                                                                                                                                                                                                                                                          |
| Memory                                                                   |                                                                           |    |        | 32.0GB (not expandable)                                                                                                                                                                                                                                                                                      |
| Video                                                                    |                                                                           |    |        | Qualcomm® Adreno™ GPU                                                                                                                                                                                                                                                                                        |
| Video Display                                                            |                                                                           |    |        | Touchscreen: 15-inch PixelSense Flow™ Display<br>Resolution: 2496 x 1664 (201 PPI)<br>Aspect ratio: 3:2                                                                                                                                                                                                      |
| Hard Drive                                                               |                                                                           |    |        | 1TB SSD                                                                                                                                                                                                                                                                                                      |
| USB Ports                                                                |                                                                           |    |        | 2 X USB-C®/ USB4® ports with support for: Charging, Data transfer, DisplayPort 1.4a, Thunderbolt™ 4 Dock and other accessories<br>Supports fast charging with minimum 65W power supply via Surface Connect or USB-C®8<br>USB-A 3.1<br>MicroSDXC card reader<br>3.5 mm headphone jack<br>Surface Connect port |
| HDMI or DisplayPort OR One (1) USB-C Port                                |                                                                           |    |        | 2 X USB-C®/ USB4® ports with support for: Charging, Data transfer, DisplayPort 1.4a, Thunderbolt™ 4 Dock and other accessories                                                                                                                                                                               |
| Integrated NIC Port or Mobile Ethernet Adapter included                  |                                                                           |    |        | USB-C Travel Hub (must be purchased separately – part# 1E4-00001, Item 2.31)                                                                                                                                                                                                                                 |
| Bluetooth                                                                |                                                                           |    |        | Bluetooth 5.4                                                                                                                                                                                                                                                                                                |
| Internal Wireless Adapter                                                |                                                                           |    |        | Wi-Fi 7 /802.11a/b/g/n/ac/ax/be, Bluetooth 5.4                                                                                                                                                                                                                                                               |
| Webcam                                                                   |                                                                           |    |        | Full HD front-facing Surface Studio Camera<br>1080p Full HD camera<br>Windows Studio Effects with automatic framing, Portrait Blur, Creative filters (illustrated, animated, watercolor), Eye Contact, and Portrait Light<br>Windows Hello face authentication camera                                        |
| Audio                                                                    |                                                                           |    |        | Dual Studio Mics with Voice Focus6                                                                                                                                                                                                                                                                           |

| 2.3b High End Laptop<br>(Intel Processor, non-vPro)<br>(Alternate Model) | Dell | HP | Lenovo | Microsoft                                                                                                        |
|--------------------------------------------------------------------------|------|----|--------|------------------------------------------------------------------------------------------------------------------|
|                                                                          |      |    |        | Omnisonic® Speakers with Dolby® Atmos®18<br>Support for Bluetooth® LE Audio                                      |
| Power                                                                    |      |    |        | Power Supply: 65W                                                                                                |
| Battery                                                                  |      |    |        | Up to 22 hours of local video playback16<br>Up to 15 hours of active web usage17                                 |
| Hardware Warranty                                                        |      |    |        | 3YR NBD Accidental Damage coverage (must be added to order<br>– part# ZWL-00042) Microsoft does not offer onsite |
| Keep Hard Drive                                                          |      |    |        | Included with 3 Year warranty part above                                                                         |
| Energy Consumption                                                       |      |    |        | ENERGY STAR® certified                                                                                           |
| Environmental                                                            |      |    |        | EPEAT Gold                                                                                                       |
| Unit dimensions and weight                                               |      |    |        | 12.96” x 9.41” x 0.72”; 3.67lbs                                                                                  |

| 2.4a-b High End Laptop 2<br>(Intel Processor, vPro) | Dell                                                                                                                                                                                                                     | HP                                                                                                                                                                                                                         | Lenovo                                                                                                                                                                                                                                                                    | Microsoft |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Description                                         | Business Class Laptop designed for increased performance and productivity                                                                                                                                                |                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                           |           |
| Vendor Model Number                                 | Pro Max 16/16XE MC16250                                                                                                                                                                                                  | Elitebook 660 G11                                                                                                                                                                                                          | ThinkPad L15 Gen 4                                                                                                                                                                                                                                                        |           |
| Operating System                                    | Windows 11 Pro 64 bit                                                                                                                                                                                                    | Windows 11 Pro 64 bit                                                                                                                                                                                                      | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                     |           |
| Processor                                           | Intel Core Ultra 7 265H, (24MB, 16 cores, 16 threads, up to 5.30 GHz Turbo, 45W) (vPro Enterprise)                                                                                                                       | Intel Core Ultra 7 165H vPro (24 MB cache, 16 cores, 22 threads, up to 5.0 GHz) (vPro Enterprise)                                                                                                                          | Intel® Core™ Ultra 7 155H Processor (E-cores up to 3.80 GHz P-cores up to 4.80 GHz) (vPro Essentials)                                                                                                                                                                     |           |
| Trusted Platform Module                             | Yes                                                                                                                                                                                                                      | Yes                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                                                       |           |
| Memory                                              | 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, expandable to 64GB                                                                                                                                                                    | 32GB (2x16GB) DDR5 5600 SODIMM Memory (expandable to 64.0GB if the current memory is replaced with (2x32GB Memory modules)                                                                                                 | 32 GB DDR5-5600MHz (SODIMM) - (2 x 16 GB) expandable to 64GB                                                                                                                                                                                                              |           |
| Video                                               | Intel Integrated Graphics; support up to two 4K external displays plus laptop display.                                                                                                                                   | Intel® Arc™ Graphics;                                                                                                                                                                                                      | Supports up to 4 independent displays (native display and 3 external monitors via HDMI®, USB-C®, and Thunderbolt™)                                                                                                                                                        |           |
| Video Display                                       | AGENCY CAN CHOOSE EITHER:<br>16" FHD+ LCD with 300 nits, <b>Non-touch</b> , FHD HDR RGB Camera, Microphone, WLAN<br><b>OR</b><br>16" FHD+ LCD with 300 nits, <b>Touch</b> , FHD HDR IR Camera, Microphone, WLAN and WWAN | AGENCY CAN CHOOSE EITHER:<br>16.0-inch AG WUXGA (1920x1200) LED UWVA 300 fFHDc 60Hz bnt LCD Panel ( <b>Non-Touch</b> )<br><b>OR</b><br>16.0-inch AG WUXGA(1920x1200) LED UWVA 300 f5mp IR <b>Touchscreen</b> bnt LCD Panel | AGENCY CAN CHOOSE EITHER:<br>16" WUXGA (1920 x 1200), IPS, Anti-Glare, <b>Non-Touch</b> , 45%NTSC, 300 nits, 60Hz<br><b>OR</b><br>16" WUXGA (1920 x 1200), IPS, Anti-Glare, <b>Touch</b> , 45%NTSC, 300 nits, 60Hz                                                        |           |
| Hard Drive                                          | 512GB, M.2 2230, Gen4 PCIe NVMe, SSD, Class 35                                                                                                                                                                           | 512GB PCIe NVMe TLC SSD                                                                                                                                                                                                    | 512 GB SSD M.2 2242 PCIe Gen4 TLC Opal                                                                                                                                                                                                                                    |           |
| USB Ports                                           | (2) Thunderbolt™ 4 (40 Gbps) ports with Power Delivery & DisplayPort™<br>(1) USB 3.2 Gen 1 (5 Gbps) port with PowerShare<br>(1) USB 3.2 Gen 1 (5 Gbps) port                                                              | (2) USB Type-A                                                                                                                                                                                                             | 1x USB-A (Hi-Speed USB / USB 2.0)<br><br>2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one Always On<br><br>1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4<br><br>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1 |           |

| 2.4a-b High End Laptop 2<br>(Intel Processor, vPro)     | Dell                                                                                                                | HP                                                                                                     | Lenovo                                                                                                                                                                                                   | Microsoft |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| HDMI or DisplayPort or USB-C Port                       | HDMI 2.1                                                                                                            | (1) HDMI<br>(2) Thunderbolt 4 with USB-C                                                               | 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4<br><br>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1<br><br>1x HDMI® 2.1, up to 4K/60Hz |           |
| Thunderbolt Port                                        | (2) Thunderbolt™ 4 (40 Gbps) ports with Power Delivery and DisplayPort™ USB 3.2 Gen 1 (5 Gbps) port with PowerShare | (2) Thunderbolt™ 4 with USB Type-C ports.                                                              | 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1                                                                                                                          |           |
| Integrated NIC Port or Mobile Ethernet Adapter included | Integrated ethernet RJ45                                                                                            | Integrated Ethernet Port                                                                               | Integrated ethernet port (RJ-45)                                                                                                                                                                         |           |
| Bluetooth                                               | Bluetooth 5.3                                                                                                       | Bluetooth 5.3                                                                                          | Bluetooth 5.3                                                                                                                                                                                            |           |
| Internal Wireless Adapter                               | Intel Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth 5.3 wireless card                                                    | Intel AX 211Wi-Fi 6E + BT                                                                              | Intel® Wi-Fi 7 BE200 2x2 BE vPro® & Bluetooth® 5.3                                                                                                                                                       |           |
| Webcam                                                  | FHD HDR RGB Camera, TNR, Camera Shutter, Microphone                                                                 | FHD Camera, includes shutter                                                                           | HD 720p, with privacy shutter, fixed focus                                                                                                                                                               |           |
| Audio                                                   | Stereo speakers with Realtek ALC1708 Audio Controller, 2W x 2 = 4W total                                            | Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones | Stereo speakers, 2W x2, Dolby® Audio™                                                                                                                                                                    |           |
| Power                                                   | 100W AC adapter, USB Type C, 3' power cord                                                                          | 65W USB-C w/ 1.0m cable                                                                                | 65W USB-C® (2-pin) AC adapter                                                                                                                                                                            |           |
| Battery                                                 | 4 cell, 64Whr, ExpressCharge(TM) Capable, standard battery, up to 7 hours and 51 minutes                            | Up to 13hrs 52 min                                                                                     | Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter<br><br>MobileMark® 25: up to 13.68 hr with 722 performance score @250nits                        |           |
| Hardware Warranty                                       | ProSupport: Next Business Day Onsite, 3 Years                                                                       | Includes 3 Year Next Business Day, On-Site                                                             | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                                                                     |           |
| Keep Hard Drive                                         | Keep Your Hard Drive, 3 Year                                                                                        | Includes 3 Year HP Carepack for Disk Retention Service                                                 | 3YR KYD                                                                                                                                                                                                  |           |
| Energy Consumption                                      | ENERGY STAR® certified                                                                                              | ENERGY STAR® certified                                                                                 | ENERGY STAR® certified                                                                                                                                                                                   |           |

| 2.4a-b High End Laptop 2<br>(Intel Processor, vPro) | Dell                             | HP                              | Lenovo                              | Microsoft |
|-----------------------------------------------------|----------------------------------|---------------------------------|-------------------------------------|-----------|
| Environmental                                       | EPEAT® GOLD                      | EPEAT GOLD                      | EPEAT Gold                          |           |
| Unit dimensions and weight                          | 14.09” x 0.75” x 10.08”, 4.86lbs | 14.14 x 9.88 x 0.42 in; 3.85lbs | 14.06 x 9.98 x 0.82 inches; 3.90lbs |           |

| 2.5a-b Elite Laptop 1<br>(Intel i7, 4GB Video, 32GB Memory) | Dell                                                                                                                                                                                                                                                       | HP                                                                                                                                                                                                                                            | Lenovo                                                                                                                                                                                                                                     | Microsoft |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Description                                                 | Mobile Workstation intended for users that have high technology requirements such as video/animation production, application development, etc., support for up to 3 monitors (including laptop screen)                                                     |                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                            |           |
| Vendor Model Number                                         | Mobile Precision 3591                                                                                                                                                                                                                                      | ZBook Power 16 G11                                                                                                                                                                                                                            | ThinkPad P16s Gen 3                                                                                                                                                                                                                        |           |
| Operating System                                            | Windows 11 Pro 64 bit                                                                                                                                                                                                                                      | Windows 11 Pro 64 bit                                                                                                                                                                                                                         | Windows 11 Pro 64 English                                                                                                                                                                                                                  |           |
| Processor                                                   | Intel Core Ultra 7 155H <b>vPro Essentials</b> (24 MB cache, 16 cores, 22 threads, up to 4.8 GHz, 28W)                                                                                                                                                     | Intel® Core™ Ultra 7 165H (Up to 3.8 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 22 threads), supports Intel® <b>vPro® Enterprise</b> Technology                       | Intel Core Ultra 7 155H <b>vPro Essentials</b> (24 MB cache, 16 cores, 22 threads, up to 4.8 GHz, 28W)                                                                                                                                     |           |
| Trusted Platform Module                                     | Yes                                                                                                                                                                                                                                                        | Yes                                                                                                                                                                                                                                           | Yes                                                                                                                                                                                                                                        |           |
| Memory                                                      | 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, expandable to 64GB                                                                                                                                                                                                      | 32GB (2x16GB) DDR5 5600 SODIMM Memory                                                                                                                                                                                                         | 32 GB DDR5-5600MHz (SODIMM) - (2 x 16 GB)                                                                                                                                                                                                  |           |
| Video                                                       | NVIDIA RTX 500 Ada 4GB GDDR6; supports two 4K external displays plus laptop display.                                                                                                                                                                       | NVIDIA RTX™ 500 Ada Generation Laptop GPU 4GB GDDR6                                                                                                                                                                                           | NVIDIA RTX™ 500 Ada Generation Laptop GPU 4GB GDDR6                                                                                                                                                                                        |           |
| Video Display                                               | <p><b>AGENCY CAN CHOOSE EITHER:</b></p> <p>15.6" FHD 1920 x 1080, 60 Hz, 250 nit, <b>non-touch</b>, RGB HDR Camera and Mic with WLAN</p> <p><b>OR</b></p> <p>15.6" FHD 1920 x 1080, 60 Hz, 250 nit, <b>touch</b>, IR FHD EMZA Camera and Mic with WLAN</p> | <p><b>AGENCY CAN CHOOSE EITHER:</b></p> <p>16.0 inch AG WUXGA (1920x1200) LED UWVA 300 f5MP bnt LCD Panel (<b>non-touch</b>)</p> <p><b>OR</b></p> <p>16.0 inch AG WUXGA (1920x1200) LED UWVA 300 f5MP IR <b>Touchscreen</b> bnt LCD Panel</p> | <p><b>AGENCY CAN CHOOSE EITHER:</b></p> <p>16" WUXGA (1920 x 1200), IPS, Anti-Glare, Non-Touch, 45%NTSC, 300 nits (<b>Non-Touch</b>)</p> <p><b>OR</b></p> <p>16" WUXGA (1920 x 1200), IPS, Anti-Glare, <b>Touch</b>, 45%NTSC, 300 nits</p> |           |
| Hard Drive                                                  | 512GB, M.2 2230, Gen 4 PCIe NVMe SSD                                                                                                                                                                                                                       | 512GB PCIe NVMe Value Solid State Drive                                                                                                                                                                                                       | 512 GB SSD M.2 2280 PCIe Gen4 TLC Opal                                                                                                                                                                                                     |           |
| USB Ports                                                   | (1) USB 3.2 Gen 1 port<br>(1) USB 3.2 Gen 1 port with PowerShare                                                                                                                                                                                           | (3) USB Type-A 5Gbps                                                                                                                                                                                                                          | 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On                                                                                                                                                    |           |
| HDMI or DisplayPort                                         | (1) HDMI 2.1 port                                                                                                                                                                                                                                          | (1) HDMI                                                                                                                                                                                                                                      | 1x HDMI 2.1, up to 4K/60Hz                                                                                                                                                                                                                 |           |
| Thunderbolt Port                                            | Two (2) Thunderbolt 4.0 ports                                                                                                                                                                                                                              | (2) Thunderbolt 4 with USB-C Type Power                                                                                                                                                                                                       | 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1                                                                                                                                                            |           |
| Integrated NIC Port or Mobile Ethernet Adapter included     | Integrated ethernet RJ45                                                                                                                                                                                                                                   | <p><b>AGENCY CAN CHOOSE EITHER MOBILE ETHERNET ADAPTER:</b></p> <p>4Z7Z7AA: USB-A to RJ45 (<b>Item 6.03</b>)</p> <p><b>OR</b></p> <p>N2Z63AA: USB-C to RJ45 (<b>Item 6.05</b>)</p>                                                            | Integrated ethernet port (RJ-45)                                                                                                                                                                                                           |           |
| Bluetooth                                                   | Bluetooth 5.2                                                                                                                                                                                                                                              | Bluetooth 5.3                                                                                                                                                                                                                                 | Bluetooth 5.3                                                                                                                                                                                                                              |           |



| 2.5a-b Elite Laptop 1<br>(Intel i7, 4GB Video, 32GB Memory) | Dell                                                                  | HP                                                                                                    | Lenovo                                                                                                                                                                           | Microsoft |
|-------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Internal Wireless Adapter                                   | Intel Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax          | Intel Wi-Fi 6E AX211 (2x2)                                                                            | Intel® Wi-Fi 6E AX211 2x2 AX vPro® & Bluetooth® 5.3                                                                                                                              |           |
| Webcam                                                      | FHD HDR RGB Camera, TNR, Camera Shutter, Microphone                   | 5MP Camera, includes shutter                                                                          | 5.0MP with privacy shutter, fixed focus                                                                                                                                          |           |
| Audio                                                       | Stereo speakers with Realtek Waves MaxxAudio® 13.0, 2W x 2 = 4W total | Audio by Poly Studio, dual stereo speakers, HP World Facing Microphone dual array digital microphones | Stereo speakers, 2W x2, Dolby® Audio™                                                                                                                                            |           |
| Power                                                       | 130W Type C Power Adapter                                             | 100W USB-C Power Cord with 1.0m cable                                                                 | 135W USB-C Slim 90% PCC 3pin AC Adapter - US                                                                                                                                     |           |
| Battery                                                     | 4 Cell, 64WHr battery up to 9 hours. Express charge capable.          | Up to 9hours and 15minutes                                                                            | Integrated Li-Polymer 75Wh battery, supports Rapid Charge (charge up to 80% in 1hr) (Perb BAFO, Lenovo P16s Gen 3 Intel with the 75Wh battery has a MobileMark 25 of 14.5 hours) |           |
| Hardware Warranty                                           | ProSupport: Next Business Day Onsite, 3 Years                         | Includes 3 Year Next Business Day, On-Site                                                            | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                                             |           |
| Keep Hard Drive                                             | Keep Your Hard Drive, 3 Year                                          | Includes 3 Year HP Carepack for Disk Retention Service                                                | 3YR KYD                                                                                                                                                                          |           |
| Energy Consumption                                          | ENERGY STAR® certified                                                | ENERGY STAR® certified                                                                                | ENERGY STAR® certified                                                                                                                                                           |           |
| Environmental                                               | EPEAT® GOLD                                                           | EPEAT GOLD                                                                                            | EPEAT GOLD                                                                                                                                                                       |           |
| Unit dimensions and weight                                  | (H) .89 in front; (W) 14.09 in;(D) 9.19 in; Weight 3.96lbs            | 14.12 x 9.89 x 0.76 in; 3.96lbs                                                                       | 14.24 x 9.79 x 0.83 inches; 4.01lbs                                                                                                                                              |           |

| 2.6 a-b Elite Laptop 2<br>(Intel vPro, 8GB Video, 32GB Memory) | Dell                                                                                                                                                                                                                                         | HP                                                                                                                                                                                                                                   | Lenovo                                                                                                                                                                                                                                                                                     | Microsoft |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Description                                                    | Mobile Workstation is intended for users that have high technology requirements such as video/animation production, application development, etc., support for up to 3 monitors (including laptop screen)                                    |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                            |           |
| Vendor Model Number                                            | Mobile Precision 3591                                                                                                                                                                                                                        | ZBook Power 16 G11                                                                                                                                                                                                                   | ThinkPad P1 Gen 7 (Non-Touchscreen Model)<br><br>ThinkPad P16v Gen 1 (Touchscreen Model)                                                                                                                                                                                                   |           |
| Operating System                                               | Windows 11 Pro 64 bit                                                                                                                                                                                                                        | Windows 11 Pro 64 bit                                                                                                                                                                                                                | Microsoft Windows 11 Pro 64 bit                                                                                                                                                                                                                                                            |           |
| Processor                                                      | Intel Core Ultra 9 185H <b>vPro Enterprise</b> (24 MB cache, 16 cores, 22 threads, up to 5.1 GHz, 45W)                                                                                                                                       | Intel Core Ultra 9 185H <b>vPro Enterprise</b> (24 MB cache, 16 cores, 22 threads, up to 5.1 GHz, 45W)                                                                                                                               | Intel Core Ultra 9 185H <b>vPro Enterprise</b> (24 MB cache, 16 cores, 22 threads, up to 5.1 GHz, 45W)                                                                                                                                                                                     |           |
| Trusted Platform Module                                        | Yes                                                                                                                                                                                                                                          | Yes                                                                                                                                                                                                                                  | Yes                                                                                                                                                                                                                                                                                        |           |
| Memory                                                         | 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, expandable to 64GB                                                                                                                                                                                        | 32GB (2x16GB) DDR5 5600 SODIMM Memory-expandable to 64GB by replacing with 2 x 32GB                                                                                                                                                  | 32GB LPDDR5x-7500 CAMM2, expandable to 64GB                                                                                                                                                                                                                                                |           |
| Video                                                          | NVIDIA RTX 2000 Ada Generation, 8 GB GDDR6; support up to four 4K external displays plus laptop display.                                                                                                                                     | NVIDIA RTX 2000 Ada Generation, 8 GB GDDR6                                                                                                                                                                                           | NVIDIA RTX™ 2000 Ada Generation Laptop GPU 8GB GDDR6 (ThinkPad P1 Gen 7)<br><br>NVIDIA RTX™ 3000 Ada Generation Laptop GPU 8GB GDDR6 (ThinkPad P16v Gen 1)                                                                                                                                 |           |
| Video Display                                                  | <b>AGENCY CAN CHOOSE EITHER:</b><br>15.6" FHD 1920 x 1080, 60 Hz, 250 nit, <b>non-touch</b> , RGB HD Camera and Mic with WLAN<br><br><b>OR</b><br>15.6" FHD 1920 x 1080, 60 Hz, 250 nit, <b>touch</b> , IR FHD EMZA Camera and Mic with WLAN | <b>AGENCY CAN CHOOSE EITHER:</b><br>16.0 inch AG WUXGA (1920x1200) LED UWVA 300 fFHDc 60Hz bnt LCD Panel ( <b>non-touch</b> )<br><br><b>OR</b><br>16.0 inch AG WUXGA (1920x1200) LED UWVA 300 fFHDc <b>Touchscreen</b> bnt LCD Panel | <b>AGENCY CAN CHOOSE EITHER:</b><br>16" WUXGA (1920 x 1200), IPS, Anti-Glare, <b>Non-Touch</b> , 100% sRGB, 400 nits, 60Hz, Low Blue Light (ThinkPad P1 Gen 7)<br><br><b>OR</b><br>16" WUXGA (1920 x 1200), IPS, Anti-Glare, <b>Touch</b> , 45% NTSC, 300 nits, 60Hz (ThinkPad P16v Gen 1) |           |
| Hard Drive                                                     | 1 TB, M.2 2230, PCIe NVMe, SSD                                                                                                                                                                                                               | 1TB PCIe-4x4 2280 NVMe TLC SSD                                                                                                                                                                                                       | 1TB M.2 PCIe NVMe SSD with one open M.2 slot                                                                                                                                                                                                                                               |           |
| USB Ports                                                      | (1) USB 3.2 Gen 1 port<br>(1) USB 3.2 Gen 1 port with PowerShare                                                                                                                                                                             | (2) USB-A                                                                                                                                                                                                                            | 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On                                                                                                                                                                                                                                            |           |
| HDMI or DisplayPort                                            | (1) HDMI 2.1 port                                                                                                                                                                                                                            | (1) HDMI Port                                                                                                                                                                                                                        | 1x HDMI 2.1, up to 8K/60Hz                                                                                                                                                                                                                                                                 |           |

| 2.6 a-b Elite Laptop 2<br>(Intel vPro, 8GB Video, 32GB Memory) | Dell                                                          | HP                                                                                                    | Lenovo                                                                                                                                                                    | Microsoft |
|----------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Thunderbolt Port                                               | (2) Thunderbolt™ 4.0 ports                                    | (2) Thunderbolt 4 with USB-C Charging                                                                 | (2) USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 (135W input) and DisplayPort™ 2.1                                                                             |           |
| Integrated NIC Port or Mobile Ethernet Adapter included        | Integrated ethernet RJ45                                      | Integrated Ethernet Port                                                                              | Included Mobile Ethernet Adapter - Lenovo® USB-C® to Ethernet Adapter (2.5Gbps) (ThinkPad P1 Gen 7)<br><br>(1) Ethernet (RJ-45) (ThinkPad P16v Gen 1)                     |           |
| Bluetooth                                                      | Bluetooth 5.2                                                 | Bluetooth 5.3                                                                                         | Bluetooth 5.4 (ThinkPad P1 Gen 7)<br><br>Bluetooth 5.3 (ThinkPad P16v Gen 1)                                                                                              |           |
| Internal Wireless Adapter                                      | Intel Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax  | Intel AX211 Wi-Fi 6E vPro 160 MHz +Bluetooth 5.3 WW WLAN                                              | Intel® Wi-Fi® 7 BE200, 802.11be 2x2 Wi-Fi® + Bluetooth® 5.4 (ThinkPad P1 Gen 7)<br><br>Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3 (ThinkPad P16v Gen 1) |           |
| Webcam                                                         | FHD HDR RGB Camera, TNR, Camera Shutter, Microphone           | FHD Camera, includes shutter                                                                          | 5MP FHD IR Camera with privacy shutter                                                                                                                                    |           |
| Webcam                                                         | Internal Speaker                                              | Audio by Poly Studio, dual stereo speakers, HP World Facing Microphone dual array digital microphones | Stereo speakers, 2W x2, Dolby Atmos® (ThinkPad P1 Gen 7)<br>Stereo speakers, 2W x2, Dolby® Audio™ Premium (ThinkPad P16v Gen 1)                                           |           |
| Power                                                          | 130W Type C Power Adapter, 3' power cord                      | 150W AC Adapter                                                                                       | 170W Slim 30% PCC 3pin AC Adapter - US                                                                                                                                    |           |
| Battery                                                        | 4 Cell, 64WHr battery up to 12 hours. Express charge capable. | Up to 9hrs and 15Min                                                                                  | 90Wh battery - Supports Rapid Charge, Supports up to 9 hrs benchmark                                                                                                      |           |
| Hardware Warranty                                              | ProSupport: Next Business Day Onsite, 3 Years                 | Includes 3 Year Next Business Day, On-Site                                                            | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                                      |           |
| Keep Hard Drive                                                | Keep Your Hard Drive, 3 Year                                  | Includes 3 Year HP Carepack for Disk Retention Service                                                | 3YR KYD                                                                                                                                                                   |           |
| Energy Consumption                                             | ENERGY STAR® certified                                        | ENERGY STAR® certified                                                                                | ENERGY STAR® certified                                                                                                                                                    |           |
| Environmental                                                  | EPEAT® GOLD                                                   | EPEAT GOLD                                                                                            | EPEAT GOLD                                                                                                                                                                |           |
| Unit dimensions and weight                                     | (H) .89 in front; (W) 14.09 in;(D) 9.19 in; Weight 3.96lbs    | 14.15 x 9.88 x 0.9 in; 4.68lbs                                                                        | 13.95 x 9.49 x 0.67 inches; 4.03lbs (ThinkPad P1 Gen 7)<br><br>14.37 x 10.31 x 0.97 inches; 4.85lbs (ThinkPad P16v Gen 1)                                                 |           |

| 2.7a-b Elite Laptop 3<br>(Intel vPro, 12GB Video, 64GB Memory) | Dell                                                                                                                                                                                                                                                                                  | HP                                                                                                                                                                                                                                                                                                            | Lenovo                                                                                                                                                                                                                                                                 | Microsoft |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Description</b>                                             | Mobile Workstation is intended for users that have high technology requirements such as video/animation production, application development, etc., support for up to 3 monitors (including laptop screen)                                                                             |                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                        |           |
| <b>Vendor Model Number</b>                                     | Mobile Precision 7680                                                                                                                                                                                                                                                                 | Zbook Fury 16 G11                                                                                                                                                                                                                                                                                             | ThinkPad P16 Gen 2                                                                                                                                                                                                                                                     |           |
| <b>Operating System</b>                                        | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                                 | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                                                         | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                  |           |
| <b>Processor</b>                                               | Intel Core i9-13950HX (36MB Cache, 32 Threads, 24 Cores (8P+16E) up to 5.5GHz, 55w, <b>vPro Enterprise</b> )                                                                                                                                                                          | Intel Core i9-13950HX (36MB Cache, 32 Threads, 24 Cores (8P+16E) up to 5.5GHz, 55w, <b>vPro Enterprise</b> )                                                                                                                                                                                                  | Intel Core i9-13950HX (36MB Cache, 32 Threads, 24 Cores (8P+16E) up to 5.5GHz, 55w, <b>vPro Enterprise</b> )                                                                                                                                                           |           |
| <b>Trusted Platform Module</b>                                 | Yes                                                                                                                                                                                                                                                                                   | Yes                                                                                                                                                                                                                                                                                                           | Yes                                                                                                                                                                                                                                                                    |           |
| <b>Memory</b>                                                  | 64GB, 2x32GB 5200MT/s SODIMM                                                                                                                                                                                                                                                          | 64GB (2x32GB) DDR5 5600 SODIMM Memory                                                                                                                                                                                                                                                                         | 2 x 32GB = 64GB DDR5-5600 Non-ECC                                                                                                                                                                                                                                      |           |
| <b>Video</b>                                                   | NVIDIA RTX 3500 Ada 12GB GDDR6; support up to four 4K external displays plus laptop display.                                                                                                                                                                                          | NVIDIA RTX 3500 Ada (12GB)                                                                                                                                                                                                                                                                                    | NVIDIA RTX 3500 Ada (12GB)                                                                                                                                                                                                                                             |           |
| <b>Video Display</b>                                           | <p><b>AGENCY CAN CHOOSE EITHER:</b></p> <p>16" FHD+ 1920x1200, WVA, 60Hz, anti-glare, <b>Non-Touch</b>, 45% NTSC, 250 nits, RGB Camera, with Mic</p> <p><b>OR</b></p> <p>16" UHD+ 3840x2400 OLED, WVA, 60Hz, anti-glare, <b>Touch</b>, 100% DCI-P3, 400 nits, IR Camera, with Mic</p> | <p><b>AGENCY CAN CHOOSE EITHER:</b></p> <p>16.0 inch AG WUXGA (1920x1200) WLED+LBL UWVA 400 w5MP IR bnt LCD Panel (<b>Non-Touch</b>)</p> <p><b>OR</b></p> <p>16.0 inch BV WUXGA (1920x1200) WLED+LBL UWVA 400 w5MP IR DBTSP bnt LCD Panel (DBSTP = double bonded touch screen panel) (<b>Touchscreen</b>)</p> | <p><b>AGENCY CAN CHOOSE EITHER:</b></p> <p>16" WUXGA (1920 x 1200), IPS, Anti-Glare, 100%sRGB, 300 nits, Low Blue Light (<b>Non-Touch</b>)</p> <p><b>OR</b></p> <p>16" WQUXGA (3840 x 2400), OLED, Anti-Reflection/Anti-Smudge, <b>Touch</b>, 100%DCI-P3, 400 nits</p> |           |
| <b>Hard Drive</b>                                              | M.2 2280 1 TB, Gen 4 PCIe x4 NVMe, Solid State Drive                                                                                                                                                                                                                                  | 1TB PCIe-4x4 2280 NVMe TLC Solid State Drive                                                                                                                                                                                                                                                                  | 1TB SSD M.2 2280 PCIe Gen4 TLC Opal                                                                                                                                                                                                                                    |           |
| <b>USB Ports</b>                                               | (1) USB 3.2 Gen 2 Type-C port with DisplayPort alt mode;<br>(1) USB 3.2 Gen 1 port with PowerShare;<br>(1) USB 3.2 Gen 1 port                                                                                                                                                         | (2) USB-A                                                                                                                                                                                                                                                                                                     | (1) USB-A (USB 5Gbps / USB 3.2 Gen 1)<br><br>(1) USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On                                                                                                                                                                          |           |
| <b>HDMI or DisplayPort</b>                                     | (1) HDMI 2.1 port                                                                                                                                                                                                                                                                     | (1) HDMI, (1) mini- DisplayPort                                                                                                                                                                                                                                                                               | (1) HDMI 2.1, up to 8K/60Hz                                                                                                                                                                                                                                            |           |
| <b>Thunderbolt Port</b>                                        | Two (2) Thunderbolt 4.0 ports                                                                                                                                                                                                                                                         | (2) Thunderbolt 4 w/USB-C signaling                                                                                                                                                                                                                                                                           | (2) Thunderbolt 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)                                                                                                                                                                      |           |

| 2.7a-b Elite Laptop 3<br>(Intel vPro, 12GB Video, 64GB Memory) | Dell                                                                              | HP                                                                                                    | Lenovo                                                                          | Microsoft |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------|
| Integrated NIC Port or Mobile Ethernet Adapter included        | Integrated RJ45 port                                                              | Integrated Ethernet Port                                                                              | Included Mobile Ethernet Adaptor - Lenovo® USB-C® to Ethernet Adapter (2.5Gbps) |           |
| Bluetooth                                                      | Bluetooth 5.2                                                                     | Bluetooth 5.4                                                                                         | Bluetooth 5.3                                                                   |           |
| Internal Wireless Adapter                                      | Intel Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax                      | Intel® Wi-Fi 7 BE200 (2x2)                                                                            | Yes - Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3              |           |
| Webcam                                                         | FHD Camera, Temporal Noise Reduction, Camera Shutter, Mic                         | IR Camera, with privacy shutter                                                                       | FHD 1080p, with privacy shutter, fixed focus                                    |           |
| Audio                                                          | Internal Speaker                                                                  | Audio by Poly Studio, dual stereo speakers, HP World Facing Microphone dual array digital microphones | Stereo speakers, 2W x2, Dolby® Atmos®                                           |           |
| Power                                                          | 240W Power Adapter, 3' power cord                                                 | 230W AC Adapter w/1.0m cable                                                                          | 230W slim tip (3-pin) AC adapter, 100-240V, 50-60Hz                             |           |
| Battery                                                        | 83 Whr, 6 Cell, ExpressCharge up to 8 hours                                       | Up to 13hrs                                                                                           | 94Wh battery - Supports Rapid Charge, Supports up to 9 hrs benchmark            |           |
| Hardware Warranty                                              | ProSupport: Next Business Day Onsite, 3 Years                                     | Includes 3 Year Next Business Day, On-Site                                                            | 3 Year Premier Priority/Advanced Support, NBD Onsite                            |           |
| Keep Hard Drive                                                | Keep Your Hard Drive, 3 Year                                                      | Includes 3 Year HP Carepack for Disk Retention Service                                                | 3YR KYD                                                                         |           |
| Energy Consumption                                             | ENERGY STAR® certified                                                            | ENERGY STAR® certified                                                                                | ENERGY STAR® certified                                                          |           |
| Environmental                                                  | EPEAT® GOLD                                                                       | EPEAT GOLD                                                                                            | EPEAT GOLD                                                                      |           |
| Unit dimensions and weight                                     | (H)Rear - .92in; (H)Front - .88in; (W) - 14.02 in (D) - 10.18in; Weight - 5.75lbs | 21.73 x 13.58 x 2.71; 5.3lbs                                                                          | 14.3 x 10.5 x 1.2 inches; 6.5lbs                                                |           |

| 2.8a-b Ultralight Laptop | Dell                                                                                                                                                                                                                                                                             | HP                                                                                                                                                                                                                                                                            | Lenovo                                                                                                                                                                                                                                                                        | Microsoft                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description              | Business Class Laptop that is thin and lightweight for easier portability, under 3.4lbs.                                                                                                                                                                                         |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                |
| Vendor Model Number      | Ultralight 2.8a: Pro 14 (PC14250)<br>OR<br>Ultralight 2.8Bb: Pro 14 Plus (PB14250)                                                                                                                                                                                               | Elitebook 630 G11                                                                                                                                                                                                                                                             | ThinkPad X13 Gen 5                                                                                                                                                                                                                                                            | Surface 6 Laptop 13.5”                                                                                                                                                                                                                                                                                                                                                                         |
| Operating System         | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                            | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                         | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                         | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                                                                                                                                          |
| Processor                | AGENCY CAN CHOOSE EITHER<br>Intel(R) Core(TM) Ultra 7 255U (12 TOPS NPU, 12 cores, up to 5.2 GHz) <b>(non-vPro or vPro disabled) (Ultralight 2.8a)</b><br>OR<br>Intel(R) Core(TM) Ultra 7 265U (12 TOPS NPU, 12 cores, up to 5.3 GHz) <b>(vPro Enterprise) (Ultralight 2.8b)</b> | AGENCY CAN CHOOSE EITHER<br>Intel(R) Core (TM) Ultra 7 155U (12 MB cache, 12 cores, 14 threads, up to 4.8 GHz) <b>(non-vPro or vPro disabled)</b><br>OR<br>Intel® Core™ Ultra 7 165U vPro® Processor (E-cores up to 3.80 GHz P-cores up to 4.90 GHz) <b>(vPro Enterprise)</b> | AGENCY CAN CHOOSE EITHER<br>Intel(R) Core (TM) Ultra 7 155U (12 MB cache, 12 cores, 14 threads, up to 4.8 GHz) <b>(non-vPro or vPro disabled)</b><br>OR<br>Intel® Core™ Ultra 7 165U vPro® Processor (E-cores up to 3.80 GHz P-cores up to 4.90 GHz) <b>(vPro Enterprise)</b> | Intel® Core™ Ultra 7 processor 165H <b>(non-vPro or vPro disabled)</b>                                                                                                                                                                                                                                                                                                                         |
| Trusted Platform Module  | Yes                                                                                                                                                                                                                                                                              | Yes                                                                                                                                                                                                                                                                           | Yes                                                                                                                                                                                                                                                                           | Yes                                                                                                                                                                                                                                                                                                                                                                                            |
| Memory                   | 32 GB: 2 x 16 GB, DDR5, 5600 MT/s                                                                                                                                                                                                                                                | 32GB (2x16GB) DDR5 5600 SODIMM Memory                                                                                                                                                                                                                                         | 32 GB LPDDR5X-7500MHz (Soldered)                                                                                                                                                                                                                                              | 32GB LPDDR5x RAM                                                                                                                                                                                                                                                                                                                                                                               |
| Video                    | Intel Integrated Graphics; support up to two 4K external displays plus laptop display.                                                                                                                                                                                           | Intel Integrated Graphics                                                                                                                                                                                                                                                     | Supports up to 4 independent displays (native display and 3 external monitors via HDMI® and Thunderbolt™)                                                                                                                                                                     | Intel® Arc™ Graphics                                                                                                                                                                                                                                                                                                                                                                           |
| Video Display            | 14", Touch, FHD+, 300 nit, 100% sRGB, Anti-Glare, FHD+IR Cam                                                                                                                                                                                                                     | 13.3 inch AG WUXGA (1920x1200) LED UWVA 300 fFHDC 60Hz <b>Touchscreen</b> bnt LCD Panel                                                                                                                                                                                       | 13.3" WUXGA (1920 x 1200), IPS, Anti-Glare, <b>Touch</b> , 100%sRGB, 300 nits, 60Hz                                                                                                                                                                                           | <b>Touchscreen:</b> 13.5-inch PixelSense™ display<br>Resolution: 2256 x 1504 (201 PPI)<br>Aspect ratio: 3:2<br>Contrast ratio 1300:1<br>Color profile: sRGB and Enhanced<br>Individually color-calibrated display<br>Adaptive color<br>Touch: 10-point multi-touch<br>Dolby Vision IQ™ support13<br>Corning® Gorilla® Glass 5<br>Anti-reflective<br>Brightness: SDR 400 nits maximum (typical) |
| Hard Drive               | M.2 512GB PCIe NVMe SSD                                                                                                                                                                                                                                                          | 512GB PCIe NVMe Value SSD                                                                                                                                                                                                                                                     | 512 GB SSD M.2 2242 PCIe Gen4 TLC Opal                                                                                                                                                                                                                                        | 512GB Gen 4 SSD                                                                                                                                                                                                                                                                                                                                                                                |

| 2.8a-b Ultralight Laptop                                       | Dell                                                                                                                                                                                                                                                                                                                                                         | HP                                                                                              | Lenovo                                                                                                                                                                        | Microsoft                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>USB Ports</b>                                               | 1 x USB Type-C Thunderbolt 4.0 with Power Delivery 3.1 & DisplayPort 2.1<br>1x USB Type-C with Power Delivery 3.1 & DisplayPort 2.0<br>2 x USB 3.2 Gen 1 Type-A (1 with PowerShare) (Ultralight 2.8a)<br>OR<br>2 x USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 & DisplayPort 2.1<br>2 x USB 3.2 Gen 1 Type-A (1x with Power share) (Ultralight 2.8b) | (2) USB-A                                                                                       | (1) USB-A (USB 5Gbps / USB 3.2 Gen 1)<br>(1) USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On<br>(2) USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1 | (1) USB-A 3.1                                                                |
| <b>HDMI or DisplayPort or USB-C Port</b>                       | 1 x HDMI 2.1<br>1 x USB Type-C Thunderbolt 4.0 with Power Delivery 3.1 & DisplayPort 2.1<br>1x USB Type-C with Power Delivery 3.1 & DisplayPort 2.0 (Ultralight 2.8a)<br>OR<br>2 x USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 & DisplayPort 2.1<br>2 x USB 3.2 Gen 1 (1x with Power share)<br>1 x HDMI 2.1 (Ultralight 2.8b)                        | (1) HDMI                                                                                        | (2) USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1<br>(1) HDMI® 2.1, up to 4K/60Hz                                                              | (1) USB-C 4.0/Thunderbolt™                                                   |
| <b>Thunderbolt Port</b>                                        | 1 x USB Type-C Thunderbolt 4.0 with Power Delivery 3.1 & DisplayPort 2.1 (Ultralight 2.8a)<br>OR<br>2 x USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 & DisplayPort 2.1 (Ultralight 2.8b)                                                                                                                                                              | (2) Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4 | (2) USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1                                                                                              | (1) USB-C 4.0/Thunderbolt Port                                               |
| <b>Integrated NIC Port or Mobile Ethernet Adapter included</b> | Integrated ethernet RJ45                                                                                                                                                                                                                                                                                                                                     | Integrated ethernet RJ45                                                                        | Included Mobile Ethernet Adaptor - Lenovo® USB-C® to Ethernet Adapter (2.5Gbps)                                                                                               | USB-C Travel Hub (must be purchased separately – part# 1E4-00001, Item 2.31) |
| <b>Bluetooth</b>                                               | Bluetooth 5.3 (Ultralight 2.8a)<br>Bluetooth 5.4 (Ultralight 2.8b)                                                                                                                                                                                                                                                                                           | Bluetooth 5.3                                                                                   | Bluetooth 5.3                                                                                                                                                                 | Bluetooth 5.3                                                                |
| <b>Internal Wireless Adapter</b>                               | Intel® Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax (Ultralight 2.8a)<br>OR<br>Intel Wi-Fi 7 BE201, 2x2, 802.11be, Bluetooth 5.4 wireless card (Ultralight 2.8b)                                                                                                                                                                                   | Intel AX211 WiFi 6e 2x2 AX+ BT 5.2                                                              | Intel® Wi-Fi 6E AX211 2x2 AX vPro® & Bluetooth® 5.3                                                                                                                           | Wi-Fi 6: 802.11ax compatible                                                 |

| 2.8a-b Ultralight Laptop   | Dell                                                                                                                                                                        | HP                                                                                                                                            | Lenovo                                                                                                                                                                             | Microsoft                                                                                                          |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Webcam                     | FHD HDR + IR Camera, Facial Recognition, TNR, Camera, Shutter, Microphone                                                                                                   | FHD, includes shutter                                                                                                                         | 5.0MP, with privacy shutter, fixed focus                                                                                                                                           | 1080p Full HD front-facing Surface Studio Camera (no privacy shutter)                                              |
| Audio                      | 2 x 2W Speakers, Waves MaxxAudio® Pro audio output processing (Ultralight 2.8a)<br><br>OR<br>2 x 2W Speakers, Cirrus Logic audio output processing (Ultralight 2.8b)        | Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones                                        | Stereo speakers, 2W x2, Dolby® Audio™ Premium                                                                                                                                      | Omnisonic Speakers with Dolby Atmos                                                                                |
| Power                      | 65W AC adapter, USB Type-C, 3' power cord                                                                                                                                   | 60W Ultralight Mini adapter, Type-C<br>60W Ultralight Mini adapter, Type-C, 2-pin (Japan only)<br>65W adapter, Type-C<br>100W adapter, Type-C | 65W USB-C® (2-pin) AC adapter                                                                                                                                                      | Power Supply: 15-inch is 65W                                                                                       |
| Battery                    | 3-cell, 55 Wh, ExpressCharge Capable, ExpressCharge Boost Capable                                                                                                           | Up to 14hr 40 min                                                                                                                             | Integrated Li-Polymer 54.7Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter<br><br>MobileMark® 25: up to 15.2 hr with 667 performance score @250nits | Up to 18.5 hours of typical device usage                                                                           |
| Hardware Warranty          | ProSupport: Next Business Day Onsite, 3 Years                                                                                                                               | Includes 3 Year Next Business Day, On-Site                                                                                                    | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                                               | 3YR NBD with Accidental Damage coverage (must be added to order – part# ZWL-00042) Microsoft does not offer onsite |
| Keep Hard Drive            | Keep Your Hard Drive, 3 Year.                                                                                                                                               | Includes 3 Year HP Carepack for Disk Retention Service                                                                                        | 3YR KYD                                                                                                                                                                            | Included with 3 Year warranty part above                                                                           |
| Energy Consumption         | Energy Star                                                                                                                                                                 | ENERGY STAR® certified                                                                                                                        | ENERGY STAR® certified                                                                                                                                                             | ENERGY STAR® certified                                                                                             |
| Environmental              | EPEAT Gold                                                                                                                                                                  | EPEAT GOLD                                                                                                                                    | EPEAT Gold                                                                                                                                                                         | EPEAT Gold                                                                                                         |
| Unit dimensions and weight | Height: 0.74in, Width: 12.35in, Depth: 8.87in, Weight: 2.99lbs (Ultralight 2.8a)<br><br>OR<br>Height: 0.79in, Width: 11.8in, Depth: 8.5in, Weight 2.71lbs (Ultralight 2.8b) | 11.93 x 8.46 x 0.42 in; 2.79lbs                                                                                                               | 11.88 x 8.46 x 0.63 inches; 2.58lbs                                                                                                                                                | 12.1 x 8.8 x 0.66 inches, 3.06lbs                                                                                  |



2-in-1 Laptop/Tablet Configurations

| 3.1a-d 2-in-1 Laptop/Tablet (non-vPro) | Dell                                                                                                                                                                                                                                        | HP                                                                                                                                                                                           | Lenovo | Microsoft                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                            | Device that can function in a traditional ‘clam-shell’ laptop configuration or as a light weight, touch screen tablet through a conversion using an integrated or detachable keyboard and mouse/trackpad; Support for dual digital monitors |                                                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Vendor Model Number                    | Dell Pro 13 Plus PB13250 2-in-1                                                                                                                                                                                                             | Elite x360 830 G11 2-in-1                                                                                                                                                                    |        | Surface Pro 10                                                                                                                                                                                                                                                                                                                                                                                                      |
| Type                                   | Windows 11 Pro 64 bit                                                                                                                                                                                                                       | Windows 11 Pro 64 bit                                                                                                                                                                        |        | Windows 11 Pro 64 bit                                                                                                                                                                                                                                                                                                                                                                                               |
| Processor                              | Intel(R) Core(TM) Ultra 7 265U vPro(R) (12 TOPS NPU, 12 cores, up to 5.3 GHz) to 4.9 GHz Turbo) (non-vPro or vPro disabled)                                                                                                                 | Intel® Core™ Ultra 7 155U (up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency,12 MB L3 cache, 2 P-cores and 8 Ecores,14 threads) (non-vPro or vPro disabled) |        | Intel Core Ultra 7 165U vPro (12 MB cache, 12 cores, 14 threads, up to 4.9 GHz Turbo) (non-vPro or vPro disabled)                                                                                                                                                                                                                                                                                                   |
| Trusted Memory Platform                | Yes                                                                                                                                                                                                                                         | Yes                                                                                                                                                                                          |        | Yes                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Memory                                 | 32 GB: 2 x 16 GB, DDR5, 5600 MT/s                                                                                                                                                                                                           | 32 GB LPDDR5X-7500 MHz RAM                                                                                                                                                                   |        | 32GB                                                                                                                                                                                                                                                                                                                                                                                                                |
| Resolution                             | 1920 x 1200                                                                                                                                                                                                                                 | 1920x1200                                                                                                                                                                                    |        | 2880 x 1920 (267 PPI)                                                                                                                                                                                                                                                                                                                                                                                               |
| Video Display                          | 13.3", Touch, FHD+, 300 nit, 100% sRGB, Pen Support, FHD+IR Cam                                                                                                                                                                             | 13.3-inch BV WUXGA (1920x1200) LED UWVA 300 w5MP Touchscreen bnt LCD Panel                                                                                                                   |        | Touchscreen: 13-inch PixelSense™ Flow display17<br>Aspect ratio: 3:2<br>Contrast ratio: 1300:1<br>Refresh rate: up to 120Hz (Dynamic refresh rate supported)<br>Color profile: sRGB and Vivid<br>Individually color-calibrated display<br>Adaptive color<br>Touch: 10-point multi-touch<br>Dolby Vision™ IQ support18<br>Corning® Gorilla® Glass 5<br>Anti-reflective<br>Brightness: SDR 600 nits maximum (typical) |
| Storage                                | 512 GB SSD                                                                                                                                                                                                                                  | 512GB PCIe NVMe SSD                                                                                                                                                                          |        | 1TB SSD                                                                                                                                                                                                                                                                                                                                                                                                             |
| USB Ports                              | 2 x USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 & Display Port 2.1                                                                                                                                                                  | (2) USB Type-A 5Gbps                                                                                                                                                                         |        | (2) USB-C® with USB 4.0/Thunderbolt™                                                                                                                                                                                                                                                                                                                                                                                |

| 3.1a-d 2-in-1 Laptop/Tablet (non-vPro) | Dell                                                                                                                                                    | HP                                                                                                                                                                            | Lenovo | Microsoft                                                                                                                              |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------|
|                                        | 2 x USB 3.2 Gen 1 Type-A (1x with Power share)                                                                                                          |                                                                                                                                                                               |        |                                                                                                                                        |
| HDMI or DisplayPort                    | (1) HDMI 2.1                                                                                                                                            | One (1) HDMI port                                                                                                                                                             |        | (2) USB-C® 3.2                                                                                                                         |
| Thunderbolt Port                       | USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 & Display Port 2.1                                                                                  | (2) Thunderbolt™ 4 with USB Type-C®                                                                                                                                           |        | One (1) Thunderbolt 4 Port                                                                                                             |
| Bluetooth                              | Bluetooth 5.4                                                                                                                                           | Integrated with Bluetooth 5.3                                                                                                                                                 |        | Bluetooth® Wireless 5.3                                                                                                                |
| Front Camera                           | FHD HDR RGB Camera, TNR, Camera Shutter, Microphone                                                                                                     | 5MP Camera w/privacy shutter                                                                                                                                                  |        | Quad HD front-facing Surface Studio Camera                                                                                             |
| Rear Camera                            | N/A                                                                                                                                                     | N/A                                                                                                                                                                           |        | 10.0 MP rear-facing autofocus camera with 1080p                                                                                        |
| Mobile Ethernet Adapter                | Order as an option - Dell Adapter USB-C to Ethernet, (750-BBKR)                                                                                         | Order as an option – HP USB-C to Ethernet Adapter, (N2Z63AA)                                                                                                                  |        | USB-C Travel Hub (must be purchased separately – part# 1E4-00001, Item 2.31)                                                           |
| Internal Wireless Adapter              | Intel Wi-Fi 7 BE201, 2x2, 802.11be, Bluetooth 5.4 wireless card                                                                                         | Intel Wi-Fi 6E AC21 (2x2)                                                                                                                                                     |        | Wi-Fi 6: 802.11ax compatible                                                                                                           |
| WWAN                                   | 4G CAT12 - Qualcomm® Snapdragon™ X12 Global LTE-Advanced (DW5826e), eSIM, AT&T, T-Mobile, Verizon (Agency must select AT&T, T-Mobile, or Verizon model) | HP 4000 4G LTE-Advanced Pro WWAN- supports AT&T, T-Mobile, Verizon. (For T-Mobile configuration, customer will need to secure sim card and install themselves or a reseller). |        | N/A                                                                                                                                    |
| Keyboard                               | Integrated keyboard                                                                                                                                     | Integrated Keyboard-                                                                                                                                                          |        | Detachable Type Cover (must be added to the order – part# EP2-00395)                                                                   |
| Power                                  | 65W AC adapter, USB Type-C, 3' power cord                                                                                                               | 65 Watt USB-C power adapter with 1.0m cable                                                                                                                                   |        | 39W Power Supply                                                                                                                       |
| Battery                                | 55WHR, 3 Cell Battery Express Charge Capable, up to 9 hours and 28 minutes                                                                              | Up to 16hr 30min                                                                                                                                                              |        | Up to 19 hours of typical device usage                                                                                                 |
| Hardware Warranty                      | ProSupport: Next Business Day Onsite, 3 Years                                                                                                           | 3 Year Next Business Day Warranty included, options for 4 or 5 yr Support offered                                                                                             |        | 3YR NBD with Accidental Damage coverage (must be added to order – part# ZWL-00033 and part# SPC-00005) Microsoft does not offer onsite |
| Energy Consumption                     | Meets EPA Energy Star                                                                                                                                   | Energy Star Certified                                                                                                                                                         |        | ENERGY STAR® certified                                                                                                                 |
| Environmental                          | Meets EPEAT Gold                                                                                                                                        | EPEAT Gold                                                                                                                                                                    |        | EPEAT Gold                                                                                                                             |
| Keep Hard Drive                        | Keep Your Hard Drive, 3 Year.                                                                                                                           | 3YR KYD                                                                                                                                                                       |        | Included with 3 Year warranty part above                                                                                               |
| Unit dimensions and weight             | Height: 0.79", Width: 11.8, Depth: 8.5", 3.18lbs.                                                                                                       | 11.81 x 8.5 x 0.31in; 2.91lbs.                                                                                                                                                |        | 11.3" x 8.2" x 0.37"; 1.94lbs                                                                                                          |

| 3.1a 2-in-1 Laptop/Tablet (non-vPro) (Alternate Model) | Dell                                                                                                                                                                                                     | HP | Lenovo | Microsoft                                                                                                                           |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|-------------------------------------------------------------------------------------------------------------------------------------|
| Description                                            | Device that can function in a traditional ‘clam-shell’ laptop configuration or as a light weight, touch screen tablet through a conversion using an integrated or detachable keyboard and mouse/trackpad |    |        |                                                                                                                                     |
| Vendor Model Number                                    |                                                                                                                                                                                                          |    |        | Surface Pro 11th Edition                                                                                                            |
| Type                                                   |                                                                                                                                                                                                          |    |        | Windows 11 Pro 64 bit                                                                                                               |
| Processor                                              |                                                                                                                                                                                                          |    |        | Qualcomm® Snapdragon® X Elite                                                                                                       |
| Trusted Memory Platform                                |                                                                                                                                                                                                          |    |        | Yes                                                                                                                                 |
| Memory                                                 |                                                                                                                                                                                                          |    |        | AGENCY CAN CHOOSE EITHER<br>16GB<br>OR<br>32GB                                                                                      |
| Resolution                                             |                                                                                                                                                                                                          |    |        | 2880 x 1920 (267 PPI)                                                                                                               |
| Video Display                                          |                                                                                                                                                                                                          |    |        | Touchscreen: 13-inch PixelSense™ Flow display18<br>Resolution: 2880 x 1920 (267 PPI)<br>Aspect ratio: 3:2<br>Contrast ratio: 1200:1 |
| Storage                                                |                                                                                                                                                                                                          |    |        | AGENCY CAN CHOOSE EITHER:<br>512GB SSD<br>OR<br>1TB SSD                                                                             |
| USB Ports                                              |                                                                                                                                                                                                          |    |        | 2 X USB-C®/ USB4® ports with support for: Charging, Data transfer, DisplayPort 1.4a, Surface Thunderbolt™ 4 Dock                    |
| HDMI or DisplayPort or USB-C Port                      |                                                                                                                                                                                                          |    |        | 2 X USB-C®/ USB4® ports                                                                                                             |
| Thunderbolt Port                                       |                                                                                                                                                                                                          |    |        | 2 X USB-C®/ USB4® ports                                                                                                             |
| Bluetooth                                              |                                                                                                                                                                                                          |    |        | Bluetooth® Wireless 5.4                                                                                                             |

| 3.1a 2-in-1 Laptop/Tablet (non-vPro) (Alternate Model) | Dell | HP | Lenovo | Microsoft                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------|------|----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Front Camera                                           |      |    |        | Quad HD front-facing Surface Studio Camera<br>1440p Quad HD camera with ultrawide field of view<br>Windows Studio Effects with Automatic Framing, Portrait Blur, Creative filters (illustrated, animated, watercolor), Eye Contact, and Portrait Light<br>Windows Hello face authentication camera |
| Rear Camera                                            |      |    |        | 10 MP Ultra HD rear-facing camera                                                                                                                                                                                                                                                                  |
| Audio                                                  |      |    |        | Dual Studio Mics with Voice Focus <sup>24</sup><br>2 W stereo speakers with Dolby® Atmos <sup>®25</sup><br>Support for Bluetooth® LE Audio                                                                                                                                                         |
| Internal Wireless Adapter                              |      |    |        | Wi-Fi 7 /802.11a/b/g/n/ac/ax/be, Bluetooth 5.4                                                                                                                                                                                                                                                     |
| Mobile Ethernet Adapter option                         |      |    |        | USB-C Travel Hub (must be purchased separately – part# 1E4-00001, Item 2.31)                                                                                                                                                                                                                       |
| WWAN                                                   |      |    |        | N/A                                                                                                                                                                                                                                                                                                |
| Keyboard                                               |      |    |        | Detachable Type Cover (must be added to the order – part# EP2-00395)                                                                                                                                                                                                                               |
| Power                                                  |      |    |        | 39W Power Supply                                                                                                                                                                                                                                                                                   |
| Battery                                                |      |    |        | Up to 14 hours of local video playback <sup>2</sup><br>Up to 10 hours of active web usage <sup>23</sup>                                                                                                                                                                                            |
| Hardware Warranty                                      |      |    |        | 3YR NBD with Accidental Damage coverage (must be added to order – part# ZWL-00033 and part# SPC-00005)<br>Microsoft does not offer onsite                                                                                                                                                          |
| Keep Hard Drive                                        |      |    |        | ENERGY STAR® certified                                                                                                                                                                                                                                                                             |
| Energy Consumption                                     |      |    |        | EPEAT Gold                                                                                                                                                                                                                                                                                         |
| Environmental                                          |      |    |        | Included with 3 Year warranty part above                                                                                                                                                                                                                                                           |

|                                                               |      |    |        |                               |
|---------------------------------------------------------------|------|----|--------|-------------------------------|
| 3.1a 2-in-1 Laptop/Tablet (non-vPro) <b>(Alternate Model)</b> | Dell | HP | Lenovo | Microsoft                     |
| Unit dimensions and weight                                    |      |    |        | 11.3" x 8.2" x 0.37"; 1.97lbs |

| 3.2a-d 2-in-1 Laptop/Tablet (Intel vPro) | Dell                                                                                                                                                                                                                                        | HP                                                                                                      | Lenovo                                                                                                                                                                                                                   | Microsoft |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Description                              | Device that can function in a traditional ‘clam-shell’ laptop configuration or as a light weight, touch screen tablet through a conversion using an integrated or detachable keyboard and mouse/trackpad; Support for dual digital monitors |                                                                                                         |                                                                                                                                                                                                                          |           |
| Vendor Model Number                      | Pro 13 Plus PB13250                                                                                                                                                                                                                         | Elite x360 830 G11 2-in-1                                                                               | ThinkPad L13 2-in-1 Gen 5                                                                                                                                                                                                |           |
| Type                                     | Windows 11 Pro 64 bit                                                                                                                                                                                                                       | Windows 11 Pro 64 bit                                                                                   | Windows 11 Pro 64 bit                                                                                                                                                                                                    |           |
| Processor                                | Intel(R) Core(TM) Ultra 7 265U vPro(R) (12 TOPS NPU, 12 cores, up to 5.3 GHz) to 4.9 GHz Turbo) (vPro Enterprise)                                                                                                                           | Intel Core Ultra 7 165U vPro (12 MB cache, 12 cores, 14 threads, up to 4.9 GHz Turbo) (vPro Enterprise) | Intel Core Ultra 7 165U vPro (12 MB cache, 12 cores, 14 threads, up to 4.9 GHz Turbo) (vPro Enterprise)                                                                                                                  |           |
| Trusted Memory Platform                  | Yes                                                                                                                                                                                                                                         | Yes                                                                                                     | Yes                                                                                                                                                                                                                      |           |
| Memory                                   | 32 GB: 2 x 16 GB, DDR5, 5600 MT/s                                                                                                                                                                                                           | 32 GB LPDDR5X-7500 MHz RAM                                                                              | 32 GB LPDDR5X-7500MHz (Soldered)                                                                                                                                                                                         |           |
| Resolution                               | 1920 x 1200                                                                                                                                                                                                                                 | 1920x1200                                                                                               | 1920 x 1200                                                                                                                                                                                                              |           |
| Video Display                            | 13.3", Touch, FHD+, 300 nit, 100% sRGB, Pen Support, FHD+IR Cam                                                                                                                                                                             | 13.3-inch BV WUXGA (1920x1200) LED UWVA 300 w5MP Touchscreen bnt LCD Panel                              | 13.3" WUXGA (1920 x 1200), IPS, Anti-Reflection/Anti-Smudge, Touch, 100%sRGB, 300 nits, 60Hz                                                                                                                             |           |
| Storage                                  | 512 GB SSD                                                                                                                                                                                                                                  | 512GB PCIe NVMe SSD                                                                                     | 512 GB SSD M.2 2242 PCIe Gen4 TLC Opal                                                                                                                                                                                   |           |
| USB Ports                                | 2 x USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 & Display Port 2.1<br>2 x USB 3.2 Gen 1 Type-A (1x with Power share)()                                                                                                              | (2) USB Type-A 5Gbps                                                                                    | 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one Always On<br>1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4<br>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1 |           |
| HDMI or DisplayPort                      | (1) HDMI 2.1                                                                                                                                                                                                                                | One (1) HDMI port                                                                                       | 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 and DisplayPort™ 1.4<br>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1<br>1x HDMI® 2.1, up to 4K/60Hz                         |           |
| Thunderbolt Port                         | USB Type-C Thunderbolt™ 4.0 with Power Delivery 3.1 & Display Port 2.1                                                                                                                                                                      | (2) Thunderbolt™ 4 with USB Type-C®                                                                     | 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1                                                                                                                                          |           |
| Bluetooth                                | Bluetooth 5.4                                                                                                                                                                                                                               | Integrated with Bluetooth 5.3                                                                           | Bluetooth Version 5.3                                                                                                                                                                                                    |           |
| Front Camera                             | FHD HDR RGB Camera, TNR, Camera Shutter, Microphone                                                                                                                                                                                         | 5MP Camera w/privacy shutter                                                                            | Front HD 720p, with privacy shutter, fixed focus                                                                                                                                                                         |           |
| Rear Camera                              | N/A                                                                                                                                                                                                                                         | N/A                                                                                                     | N/A                                                                                                                                                                                                                      |           |
| Mobile Ethernet Adapter                  | Order as an option - Dell Adapter USB-C to Ethernet, (750-BBKR)                                                                                                                                                                             | Order as an option – HP USB-C to Ethernet Adapter, (N2Z63AA)                                            | Order as an option – Lenovo USB-C to Ethernet Adapter, (4X91H17795)                                                                                                                                                      |           |

| 3.2a-d 2-in-1 Laptop/Tablet (Intel vPro) | Dell                                                                                                                                                    | HP                                                                                                                                                                            | Lenovo                                                                                                                                                                      | Microsoft |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Internal Wireless Adapter                | Intel Wi-Fi 7 BE201, 2x2, 802.11be, Bluetooth 5.4 wireless card                                                                                         | Intel Wi-Fi 6E AC21 (2x2)                                                                                                                                                     | Intel® Wi-Fi 6E AX211 2x2 AX vPro® & Bluetooth® 5.3                                                                                                                         |           |
| WWAN                                     | 4G CAT12 - Qualcomm® Snapdragon™ X12 Global LTE-Advanced (DW5826e), eSIM, AT&T, T-Mobile, Verizon (Agency must select AT&T, T-Mobile, or Verizon model) | HP 4000 4G LTE-Advanced Pro WWAN- supports AT&T, T-Mobile, Verizon. (For T-Mobile configuration, customer will need to secure sim card and install themselves or a reseller). | Quectel EM061K-GL 4G CAT6 (Agency must select AT&T, T-Mobile, or Verizon model)                                                                                             |           |
| Keyboard                                 | Integrated keyboard                                                                                                                                     | Integrated Keyboard-                                                                                                                                                          | Included convertible keyboard                                                                                                                                               |           |
| Power                                    | 65W AC adapter, USB Type-C                                                                                                                              | 65 Watt USB-C power adapter with 1.0m cable                                                                                                                                   | 65W USB-C 90%PCC AC Adapter Black (2pin) - US                                                                                                                               |           |
| Battery                                  | 3 cell 55 Wh, Li-ion, ExpressCharge 1.0™, ExpressCharge Boost™ Capable, up to 9 hours and 28 minutes                                                    | Up to 16hr 30min                                                                                                                                                              | Integrated Li-Polymer 46Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter; MobileMark® 25: up to 11.03 hr with 564 performance score @250nits |           |
| Hardware Warranty                        | ProSupport: Next Business Day Onsite, 3 Years                                                                                                           | 3 Year Next Business Day Warranty included, options for 4 or 5 yr Support offered                                                                                             | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                                                        |           |
| Energy Consumption                       | Meets EPA Energy Star                                                                                                                                   | Energy Star Certified                                                                                                                                                         | Energy Star Certified                                                                                                                                                       |           |
| Environmental                            | Meets EPEAT Gold                                                                                                                                        | EPEAT Gold                                                                                                                                                                    | EPEAT Gold                                                                                                                                                                  |           |
| Keep Hard Drive                          | Keep Your Hard Drive, 3 Year.                                                                                                                           | 3YR KYD                                                                                                                                                                       | 3YR KYD                                                                                                                                                                     |           |
| Unit dimensions and weight               | Height: 0.79", Width: 11.8", Depth: 8.5", 2.71lbs.                                                                                                      | 11.81 x 8.5 x 0.31in; 2.91lbs.                                                                                                                                                | 12.0 x 8.58 x 0.67 inches; 2.92lbs                                                                                                                                          |           |

| 3.2a-d 2-in-1 Laptop/Tablet (Intel vPro) (Alternate Model) | Dell                                                                                                                                                                                                                                        | HP | Lenovo                                                                                                                                                          | Microsoft |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Description                                                | Device that can function in a traditional ‘clam-shell’ laptop configuration or as a light weight, touch screen tablet through a conversion using an integrated or detachable keyboard and mouse/trackpad; Support for dual digital monitors |    |                                                                                                                                                                 |           |
| Vendor Model Number                                        |                                                                                                                                                                                                                                             |    | ThinkPad X12 Detachable Gen 2                                                                                                                                   |           |
| Type                                                       |                                                                                                                                                                                                                                             |    | Windows 11 Pro 64                                                                                                                                               |           |
| Processor                                                  |                                                                                                                                                                                                                                             |    | Intel® Core™ Ultra 7 164U vPro® Processor (E-cores up to 3.80 GHz P-cores up to 4.80 GHz)                                                                       |           |
| Trusted Memory Platform                                    |                                                                                                                                                                                                                                             |    | Yes                                                                                                                                                             |           |
| Memory                                                     |                                                                                                                                                                                                                                             |    | 32 GB LPDDR5X-7500MHz (Soldered)                                                                                                                                |           |
| Resolution                                                 |                                                                                                                                                                                                                                             |    | Integrated Graphics                                                                                                                                             |           |
| Video Display                                              |                                                                                                                                                                                                                                             |    | 12.3" FHD+ (1920 x 1280), IPS, Anti-Reflection/Anti-Smudge, Touch, Low Power, 100%sRGB, 400 nits, 60Hz, Corning® Gorilla® Glass 3                               |           |
| Storage                                                    |                                                                                                                                                                                                                                             |    | 512 GB SSD M.2 2242 PCIe Gen4 TLC Opal                                                                                                                          |           |
| USB Ports                                                  |                                                                                                                                                                                                                                             |    | 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 2.1<br>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1 |           |
| HDMI or DisplayPort                                        |                                                                                                                                                                                                                                             |    | 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort™ 2.1<br>1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1 |           |
| Thunderbolt Port                                           |                                                                                                                                                                                                                                             |    | 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1                                                                                 |           |
| Bluetooth                                                  |                                                                                                                                                                                                                                             |    | Bluetooth 5.3                                                                                                                                                   |           |
| Front Camera                                               |                                                                                                                                                                                                                                             |    | Front 5MP IR/RGB Hybrid, Fixed Focus                                                                                                                            |           |
| Rear Camera                                                |                                                                                                                                                                                                                                             |    | Rear 8MP RGB, Autofocus                                                                                                                                         |           |
| Audio                                                      |                                                                                                                                                                                                                                             |    | Stereo speakers, 1W x2, Dolby Audio                                                                                                                             |           |
| Mobile Ethernet Adapter                                    |                                                                                                                                                                                                                                             |    | Order as an option – Lenovo USB-C to Ethernet Adapter, (4X91H17795)                                                                                             |           |
| Internal Wireless Adapter                                  |                                                                                                                                                                                                                                             |    | Intel® Wi-Fi 6E AX211 2x2 AX vPro® & Bluetooth® 5.3                                                                                                             |           |



| 3.2a-d 2-in-1 Laptop/Tablet<br>(Intel vPro) (Alternate Model) | Dell | HP | Lenovo                                                                                                                                    | Microsoft |
|---------------------------------------------------------------|------|----|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| WWAN                                                          |      |    | Quectel EM160R-GL 4G CAT16 (Agency must select AT&T, T-Mobile, or Verizon model)                                                          |           |
| Keyboard                                                      |      |    | Detachable Keyboard                                                                                                                       |           |
| Power                                                         |      |    | 65W USB-C® (2-pin) AC adapter                                                                                                             |           |
| Battery                                                       |      |    | Integrated Li-Polymer 42Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter<br>MobileMark25@250nits: 12.47 hr |           |
| Hardware Warranty                                             |      |    | 3 Year Premier Priority/Advanced Support, NBD Onsite                                                                                      |           |
| Keep Hard Drive                                               |      |    | Energy Star Certified                                                                                                                     |           |
| Energy Consumption                                            |      |    | EPEAT Gold                                                                                                                                |           |
| Environmental                                                 |      |    | 3YR KYD                                                                                                                                   |           |
| Unit dimensions and weight                                    |      |    | 11.15 x 8.01 x 0.35 inches; 2.92lbs                                                                                                       |           |

Monitor Configurations

| 4.1a Flat Panel Monitor, 24-inch (with USB-C Hub) | Dell                                                                                | HP                                                                                           | Lenovo                                                                                                                |
|---------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Vendor Model Number                               | P2425HE                                                                             | E24U G5                                                                                      | ThinkVision T24mv-30                                                                                                  |
| Display Type                                      | IPS                                                                                 | IPS                                                                                          | 3-side NearEdgeless In-Plane Switching                                                                                |
| Aspect Ratio                                      | 16:9                                                                                | 16:9                                                                                         | 16:9                                                                                                                  |
| Max / Native Resolution                           | 1920x1080 @ 60Hz                                                                    | 1920x1080 @ 60 Hz                                                                            | 1920 x 1080 @75Hz                                                                                                     |
| Response Time                                     | 5 ms (Fast mode), 8 ms (Normal mode)                                                | 5ms gray to gray                                                                             | 6ms                                                                                                                   |
| Image Contrast Ratio                              | 1500: 1 (typical)                                                                   | 1000 to 1                                                                                    | 1000:1 (typical)                                                                                                      |
| Brightness                                        | 250 cd/m² (typical)                                                                 | 250 cd/m²                                                                                    | 250, WLED                                                                                                             |
| Pixel Pitch                                       | 0.2745 mm x 0.2745 mm                                                               | 0.27 (H) x 0.27 (V)mm                                                                        | 0.274 x 0.274 mm                                                                                                      |
| Angle                                             | 178° H/V                                                                            | 178° H/V                                                                                     | 178(H)/178(V)                                                                                                         |
| Colors                                            | 16.7 million colors                                                                 | Up to 16.7 million colors                                                                    | 16.7 million color                                                                                                    |
| Input Signal                                      | (1) DP; (1) DP out; (1) HDMI; (2) USB-C; (3) USB-A; (1) RJ-45                       | 1 USB-C, 1 HDMI, 1 DisplayPort                                                               | 1x DP 1.4<br>1x DP out<br>1x HDMI 2.1<br>1x USB-C 3.2 Gen 1 (DP 1.4 alt mode)                                         |
| Cables Included                                   | Display Port (DP-to-DP)<br>USB 3.2 Gen2 (C-C)                                       | USB-C Cable                                                                                  | 1x USB-C to USB-C cable (1.8m)                                                                                        |
| Tilt Base                                         | Tilt (-5° to +21°)                                                                  | –5° to +20°                                                                                  | –5° to +23.5°                                                                                                         |
| Swivel                                            | Swivel (45° to 45°)                                                                 | Swivel (45° to 45°)                                                                          | Swivel (45° to 45°)                                                                                                   |
| Height Adjustable                                 | Yes                                                                                 | Yes                                                                                          | Yes                                                                                                                   |
| Rotation Capable                                  | Pivot (90° clockwise)                                                               | 90° Pivotable                                                                                | 90° Pivotable                                                                                                         |
| Mount                                             | VESA comp.                                                                          | VESA comp.                                                                                   | VESA comp.                                                                                                            |
| Ports                                             | (1) DP; (1) DP out; (1) HDMI; (2) USB-C; (3) USB-A; (1) RJ-45                       | (1) USB-Power port<br>(1) USB-C Video port<br>(3) US-A ports<br>(1) RJ-45 (10/100/1000 Mbps) | 1x USB-C 3.2 Gen1 (DP 1.4 alt mode, up to 90W) USB upstream<br>4x USB 3.2 Gen1, USB downstream<br>1x Ethernet (RJ-45) |
| Hardware Warranty                                 | 3-Year Advanced Exchange Service and Premium Panel Guarantee                        | 3YR Limited Warranty with Next Business Day On-site                                          | Three Year Next Business Day Advanced Exchange                                                                        |
| Unit Dimensions and Weight                        | (H) 14.33 in compressed, 19.55 extended; (W) 21.21 in; (D) 7.16 in; Weight 15.96lbs | 21.24 x 1.85 x 12.7 in; 13.2lbs                                                              | 7.86 x 15.27 x 21.25 inches; 14.3lbs                                                                                  |

| 4.1b Flat Panel Monitor,<br>24-inch (no USB-C Hub) | Dell                                                                                | HP                                                             | Lenovo                                                                 |
|----------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------|
| Vendor Model Number                                | P2425H                                                                              | 524PF                                                          | ThinkVision T24i-30                                                    |
| Display Type                                       | IPS                                                                                 | IPS                                                            | 3-side NearEdgeless, In-Plane Switching                                |
| Aspect Ratio                                       | 16:9                                                                                | 16:9                                                           | 16:9                                                                   |
| Max / Native Resolution                            | 1920x1080 @ 60Hz                                                                    | 1920 x 1080 @ 60 Hz                                            | 1920 x 1080 @ 60 Hz                                                    |
| Response Time                                      | 5 ms (Fast mode), 8 ms (Normal mode)                                                | 5ms (typical)                                                  | 6ms (typical)                                                          |
| Image Contrast Ratio                               | 1500: 1 (typical)                                                                   | 1500:1 static                                                  | 1000:1 (typical)                                                       |
| Brightness                                         | 250 cd/m² (typical)                                                                 | 350 cd/m²                                                      | 250, WLED                                                              |
| Pixel Pitch                                        | 0.2745 mm x 0.2745 mm                                                               | 0.2745 x 0.2745 mm                                             | 0.275 x 0.275 mm                                                       |
| Angle                                              | 178° H/V                                                                            | 178° H/V                                                       | 178(H)/178(V)                                                          |
| Colors                                             | 16.7 million colors                                                                 | Up to 16.7 million color                                       | 16.7 million color                                                     |
| Input Signal                                       | (1) HDMI; (1) DP; (3) USB-A; (1) USB-B; (1) USB-C                                   | (1) DisplayPort, (1) HDMI, (4) USB-A, (1) USB-B                | 1x HDMI 1.4<br>1x DisplayPort 1.2<br>1x VGA                            |
| Cables Included                                    | DisplayPort (DP-DP)<br>USB 3.2 Gen 1 (A-B)                                          | (1) HDMI, (1) DisplayPort, (1) USB 3.0 B-A Cable               | 1x USB-A to USB-B Cable (1.8m)<br><br>1x HDMI® cable (1.8m)            |
| Tilt Base                                          | Tilt (-5° to +21°)                                                                  | -5° to +23°                                                    | -5° to +23.5°                                                          |
| Swivel                                             | Swivel (45° to 45°)                                                                 | ±45°                                                           | Swivel (-45° to 45°)                                                   |
| Height Adjustable                                  | Yes                                                                                 | Yes                                                            | Yes                                                                    |
| Rotation Capable                                   | Pivot (90° clockwise)                                                               | 90° Pivotable                                                  | 90° Pivotable                                                          |
| Mount                                              | VESA comp.                                                                          | 100 mm VESA mount                                              | VESA comp.                                                             |
| USB Ports                                          | (1) HDMI; (1) DP; (3) USB-A; (1) USB-B; (1) USB-C                                   | (1) HDMI, (1) DisplayPort™, (1) USB-B, and (4) USB-A 3.2 ports | (1) USB-B 3.2 Gen 1, USB upstream<br>(4) USB 3.2 Gen 1, USB downstream |
| Hardware Warranty                                  | 3-Year Advanced Exchange Service and Premium Panel Guarantee                        | 3YR Limited Warranty with 9X5 Next Business Day On-Site        | Three Year Next Business Day Advanced Exchange                         |
| Unit Dimensions and Weight                         | (H) 14.33 in compressed, 19.55 extended; (W) 21.21 in; (D) 7.16 in; Weight 14.95lbs | 21.24 x 7.46 x 19.81 in; 10.8lbs                               | 7.86 x 13.77 x 21.25 inches; 11.9lbs                                   |

| 4.2a Flat Panel Monitor,<br>27-inch (with USB-C hub) | Dell                                                                                                                                                                                                                                                                                                             | HP                                                                                                                                                                                                | Lenovo                                                                                                                                                         |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vendor Model Number                                  | P2725DE                                                                                                                                                                                                                                                                                                          | E27u G5                                                                                                                                                                                           | ThinkVision P27h-30                                                                                                                                            |
| Display Type                                         | IPS                                                                                                                                                                                                                                                                                                              | IPS                                                                                                                                                                                               | 4-side NearEdgeless, In-Plane Switching                                                                                                                        |
| Aspect Ratio                                         | 16:9                                                                                                                                                                                                                                                                                                             | 16:9                                                                                                                                                                                              | 16:9                                                                                                                                                           |
| Max / Native Resolution                              | 2560 x 1440 @ 60Hz                                                                                                                                                                                                                                                                                               | 2560 x 1440 @ 60 Hz                                                                                                                                                                               | 2560 x 1440 @ 60 Hz                                                                                                                                            |
| Response Time                                        | Normal mode: 8.0 ms (gray to gray) Fast mode: 5.0 ms (gray to gray)                                                                                                                                                                                                                                              | 5ms gray to gray                                                                                                                                                                                  | 6ms (typical)                                                                                                                                                  |
| Image Contrast Ratio                                 | 1500: 1 (typical)                                                                                                                                                                                                                                                                                                | 1000:1 static                                                                                                                                                                                     | (1000:1), 3,000,000:1                                                                                                                                          |
| Brightness                                           | 350, LED Backlight                                                                                                                                                                                                                                                                                               | 350 nits                                                                                                                                                                                          | 350 nits or cd/m2 (typical)                                                                                                                                    |
| Pixel Pitch                                          | Horizontal: 0.2331 mm Vertical: 0.2331 mm                                                                                                                                                                                                                                                                        | 0.2331 x 0.2331 mm                                                                                                                                                                                | 0.2331 x 0.2331mm                                                                                                                                              |
| Angle                                                | viewing angle at 178°/ 178°                                                                                                                                                                                                                                                                                      | 178° H/V                                                                                                                                                                                          | 178(H)/178(V)                                                                                                                                                  |
| Colors                                               | 16.7 million colors                                                                                                                                                                                                                                                                                              | 16.7 million colors                                                                                                                                                                               | 1.07 Billion                                                                                                                                                   |
| Input Signal                                         | 1 x HDMI port<br>1 x Display Port 1.4<br>1 x DisplayPort (out) port with MST (HDCP 1.4)<br>1 x USB-C 5Gbps upstream port (DisplayPort 1.4 Alternate mode, Power Delivery up to 90W)                                                                                                                              | (1) USB-C, (1) DisplayPort, (1) HDMI                                                                                                                                                              | 1x USB-C® 3.2 Gen 1 (DP 1.4 32.4 Gbps for 4 lanes Alt Mode and up to 100W PD), USB upstream<br>1x HDMI® 2.1 TMDS<br>1x DisplayPort™ 1.4<br>1x DisplayPort™ out |
| Cables Included                                      | DisplayPort (DP-DP); USB-C (C-A); USB-C (C-C)                                                                                                                                                                                                                                                                    | USB-C cables                                                                                                                                                                                      | 1x DP Cable (1.8m)<br>1x USB-C to USB-C Cable (1m)<br>1x USB-B to USB-A Cable (1.8m)                                                                           |
| Tilt Base                                            | Tilt (-5° to 21°)                                                                                                                                                                                                                                                                                                | -5° to +20°                                                                                                                                                                                       | -5° to +23°                                                                                                                                                    |
| Swivel                                               | Swivel (-45° to 45°)                                                                                                                                                                                                                                                                                             | ±45°                                                                                                                                                                                              | swivel: +/-45°                                                                                                                                                 |
| Height Adjustable                                    | Yes                                                                                                                                                                                                                                                                                                              | Yes                                                                                                                                                                                               | Yes                                                                                                                                                            |
| Rotation Capable                                     | Pivot 90°, clockwise and counterclockwise                                                                                                                                                                                                                                                                        | 90° Pivotable                                                                                                                                                                                     | Rotation for portrait/landscape viewing (90 to portrait)                                                                                                       |
| Mount                                                | VESA comp.                                                                                                                                                                                                                                                                                                       | 100 mm VESA mount                                                                                                                                                                                 | VESA comp.                                                                                                                                                     |
| Ports                                                | 1 x HDMI port<br>1 x Display Port 1.4<br>1 x DisplayPort (out) port with MST (HDCP 1.4)<br>1 x USB-C 5Gbps upstream port (DisplayPort 1.4 Alternate mode, Power Delivery up to 90W)<br>1 x USB-C 5Gbps downstream port<br>3 x USB 5Gbps Type-A downstream ports<br>Ethernet port<br>1 x RJ45 Ethernet port, 1GbE | (1) SuperSpeed USB Type-C® 5;<br>(3) SuperSpeed USB Type-A 5Gbps signaling rate (1 charging);<br>(1) SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)<br>(1) RJ-45 port | 1x USB-B 3.2 Gen 1, USB upstream<br>1x USB-C® 3.2 Gen 1 (15W), USB downstream<br>4x USB 3.2 Gen 1 (1x BC), USB downstream<br>1x Ethernet (RJ-45)"              |

|                            |                                                              |                                                     |                                                |
|----------------------------|--------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------|
| Hardware Warranty          | 3-Year Advanced Exchange Service and Premium Panel Guarantee | 3YR Limited Warranty with Next Business Day On-Site | Three Year Next Business Day Advanced Exchange |
| Unit Dimensions and Weight | (H) 21.09 in; (W) 24.11 in; (D) 7.57 in; Weight 14.53lbs     | 24.15 x 1.82 x 14.35 in, 15.87lbs.                  | 24.09 x 8.05 x 14.97 inches; 15.4lbs           |

| 4.2b Flat Panel Monitor,<br>27-inch (no USB-C hub) | Dell                                                                                                                                                    | HP                                                  | Lenovo                                                                               |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------|
| Vendor Model Number                                | P2725D                                                                                                                                                  | 527PQ                                               | ThinkVision P27q-30                                                                  |
| Display Type                                       | IPS                                                                                                                                                     | IPS                                                 | 4-side NearEdgeless, In-Plane Switching                                              |
| Aspect Ratio                                       | 16:9                                                                                                                                                    | 16:9                                                | 16:9                                                                                 |
| Max / Native Resolution                            | 2560 x 1440 @ 60Hz                                                                                                                                      | 2560 x 1440                                         | 2560 x 1440 @ 60 Hz                                                                  |
| Response Time                                      | 5ms (Fast mode), 8ms (Normal mode)                                                                                                                      | 5ms                                                 | 6ms (typical)                                                                        |
| Image Contrast Ratio                               | 1500: 1 (typical)                                                                                                                                       | 1500 to 1                                           | (1000:1), 3,000,000:1                                                                |
| Brightness                                         | 350, LED Backlight                                                                                                                                      | 350 cd/m²                                           | 350 nits or cd/m2 (typical)                                                          |
| Pixel Pitch                                        | 0.2331 mm x 0.2331 mm                                                                                                                                   | 0.23                                                | 0.2331 x 0.2331mm                                                                    |
| Angle                                              | viewing angle at 178°/ 178°                                                                                                                             | 178° H/V                                            | 178(H)/178(V)                                                                        |
| Colors                                             | 16.7 million colors                                                                                                                                     | 1.07 billion colors                                 | 1.07 Billion                                                                         |
| Input Signal                                       | 1 x HDMI port<br>1 x Display Port 1.4<br>1 x USB 5Gbps Type-B upstream port                                                                             | HDMI, DisplayPort 1.2, USB-A                        | 1x HDMI® 2.1 TMDS[<br>1x DisplayPort™ 1.4<br>1x DisplayPort™ out                     |
| Cables Included                                    | 1 x DisplayPort to DisplayPort 1.4 cable - 1.80 m<br>1 x USB Type-A to Type-B 5Gbps cable – 1.80 m                                                      | 1 HDMI, 1 DisplayPort                               | 1x DP Cable (1.8m)<br>1x USB-B to USB-A Cable (1.8m)                                 |
| Tilt Base                                          | Tilt (-5° to 21°)                                                                                                                                       | -5° to +20°                                         | -5° to +23.5°                                                                        |
| Swivel                                             | Swivel (-45° to 45°)                                                                                                                                    | ±45°                                                | swivel: +/-45°                                                                       |
| Height Adjustable                                  | Yes                                                                                                                                                     | Yes                                                 | Yes                                                                                  |
| Rotation Capable                                   | Pivot 90°, clockwise and counterclockwise                                                                                                               | 90° Pivotal                                         | Rotation for portrait/landscape viewing (90 to portrait)                             |
| Mount                                              | VESA comp.                                                                                                                                              | VESA Adapter                                        | VESA comp.                                                                           |
| Ports                                              | 1 x HDMI port<br>1 x Display Port 1.4<br>1 x USB 5Gbps Type-B upstream port<br>1 x USB-C 5Gbps downstream port<br>3 x USB 5Gbps Type-A downstream ports | Four (4) USB-A 3.2 and One (1) USB-B ports          | 1x USB-B 3.2 Gen 1, USB upstream<br><br>4x USB 3.2 Gen 1 (1x BC 1.2), USB downstream |
| Hardware Warranty                                  | 3-Year Advanced Exchange Service and Premium Panel Guarantee                                                                                            | 3YR Limited Warranty with Next Business Day On-Site | Three Year Next Business Day Advanced Exchange                                       |
| Unit Dimensions and Weight                         | (H) 21.09 in; (W) 24.11 in; (D) 7.57 in; Weight 13.82lbs                                                                                                | 24.15 x 9.01 x 21.41 in; 20.3lb                     | 24.09 x 8.05 x 14.97 inches; 15.0lbs                                                 |

| 4.3 Flat Panel Monitor,<br>24-inch<br>(High Resolution) | Dell                                                                     | HP | Lenovo                                                                           |
|---------------------------------------------------------|--------------------------------------------------------------------------|----|----------------------------------------------------------------------------------|
| Vendor Model Number                                     | P2423D                                                                   |    | ThinkVision P24q-30                                                              |
| Display Type                                            | IPS                                                                      |    | 3-side NearEdgeless, In-Plane Switching                                          |
| Aspect Ratio                                            | 16:9                                                                     |    | 16:9                                                                             |
| Max / Native Resolution                                 | QHD 2560 x 1440 at 60 Hz                                                 |    | 2560 x 1440 @ 60Hz                                                               |
| Response Time                                           | 5ms (Fast mode), 8ms (Normal mode)                                       |    | 6ms (typical)                                                                    |
| Image Contrast Ratio                                    | 1000: 1 (typical)                                                        |    | 1000:1                                                                           |
| Brightness                                              | 300 cd/m² (typical)                                                      |    | 300 cd/m2                                                                        |
| Pixel Pitch                                             | 0.2058 mm x 0.2058 mm                                                    |    | 0.2058 x 0.2058 mm                                                               |
| Angle                                                   | (178° vertical / 178° horizontal)                                        |    | 178(H)/178(V)                                                                    |
| Colors                                                  | 16.7 million color                                                       |    | 16.7 million color                                                               |
| Input Signal                                            | (1) HDMI; (1) DP; (1) USB 3.2 Gen1 upstream; (4) USB 3.2 Gen1 downstream |    | 1x DP 1.4<br>1x DP out<br>1x HDMI 2.1                                            |
| Cables Included                                         | DisplayPort (Dp-DP); USB (A-B)                                           |    | 1x DP Cable (1.8m)<br>1x USB-A to USB-B Cable (1.8m)                             |
| Tilt Base                                               | Tilt (-5° to 21°)                                                        |    | -5 to +23.5°                                                                     |
| Swivel                                                  | Swivel (-45° to 45°)                                                     |    | Swivel (-45° to 45°)                                                             |
| Height Adjustable                                       | Yes                                                                      |    | Yes                                                                              |
| Rotation Capable                                        | Pivot (90° clockwise)                                                    |    | 90° Pivotalbe                                                                    |
| Mount                                                   | VESA comp.                                                               |    | VESA comp.                                                                       |
| Ports                                                   | (1) USB 3.2 Gen1 upstream; (4) USB 3.2 Gen1 downstream                   |    | 1x USB-B 3.2 Gen 1, USB upstream<br>4x USB 3.2 Gen 1 (1x BC 1.2), USB downstream |
| Hardware Warranty                                       | 3-Year Advanced Exchange Service and Premium Panel Guarantee             |    | Three Year Next Business Day Advanced Exchange                                   |
| Unit Dimensions and Weight                              | (H) 19.53 in; (W) 21.17 in; (D) 7.07 in; Weight 12.02lbs                 |    | 7.86 x 13.73 x 21.24 inches; 12.6lbs                                             |

| 4.3 Flat Panel Monitor,<br>24-inch<br>(High Resolution)<br>(Alternate Model) | Dell | HP                                                  | Lenovo |
|------------------------------------------------------------------------------|------|-----------------------------------------------------|--------|
| Vendor Model Number                                                          |      | 527PQ                                               |        |
| Display Type                                                                 |      | IPS                                                 |        |
| Aspect Ratio                                                                 |      | 16:9                                                |        |
| Max / Native Resolution                                                      |      | 2560 x 1440                                         |        |
| Response Time                                                                |      | 5ms                                                 |        |
| Image Contrast Ratio                                                         |      | 1500 to 1                                           |        |
| Brightness                                                                   |      | 350 cd/m²                                           |        |
| Pixel Pitch                                                                  |      | 0.23                                                |        |
| Angle                                                                        |      | 178° H/V                                            |        |
| Colors                                                                       |      | 1.07 billion colors                                 |        |
| Input Signal                                                                 |      | HDMI, DisplayPort 1.2, USB-A                        |        |
| Cables Included                                                              |      | 1 HDMI, 1 DisplayPort                               |        |
| Tilt Base                                                                    |      | -5° to +20°                                         |        |
| Swivel                                                                       |      | ±45°                                                |        |
| Height Adjustable                                                            |      | Yes                                                 |        |
| Rotation Capable                                                             |      | 90° Pivotable                                       |        |
| Mount                                                                        |      | VESA Adapter                                        |        |
| Ports                                                                        |      | Four (4) USB-A 3.2 and One (1) USB-B ports          |        |
| Hardware Warranty                                                            |      | 3YR Limited Warranty with Next Business Day On-Site |        |
| Unit Dimensions and Weight                                                   |      | 24.15 x 9.01 x 21.41 in; 20.3lb                     |        |



| 4.4 Flat Panel Monitor,<br>27-inch (High Resolution, 4K,<br>with USB-C Hub) | Dell                                                           | HP                                                                                                                                                                                                                                           | Lenovo                                                                                                                                                                                |
|-----------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vendor Model Number                                                         | P2723QE                                                        | E27K G5                                                                                                                                                                                                                                      | ThinkVision P27pz-30                                                                                                                                                                  |
| Display Type                                                                | IPS                                                            | IPS                                                                                                                                                                                                                                          | 3-side NearEdgeless, In-Plane Switching                                                                                                                                               |
| Aspect Ratio                                                                | 16:9                                                           | 16:9                                                                                                                                                                                                                                         | 16:9                                                                                                                                                                                  |
| Max / Native Resolution                                                     | 4K 3840 x 2160 at 60 Hz                                        | 4K UHD (3840 x 2160 @ 60 Hz)                                                                                                                                                                                                                 | 3840 x 2160                                                                                                                                                                           |
| Response Time                                                               | 5 ms (Fast mode), 8 ms (Normal mode)                           | 5 ms gray to gray                                                                                                                                                                                                                            | 6ms (typical)                                                                                                                                                                         |
| Image Contrast Ratio                                                        | 1000: 1 (typical)                                              | 1000 to 1; 8,000,000:1 (dynamic)                                                                                                                                                                                                             | 1000:1 (typical), 3000000:1 dynamic                                                                                                                                                   |
| Brightness                                                                  | 350 cd/m²                                                      | 350 cd/m²                                                                                                                                                                                                                                    | Typical: 650, Peak: 1200 - Mini-LED (with 1152 zones local dimming)                                                                                                                   |
| Pixel Pitch                                                                 | .1554mm x .1554mm                                              | 0.1554 x 0.1554                                                                                                                                                                                                                              | 0.1554 x 0.1554                                                                                                                                                                       |
| Angle                                                                       | viewing angle at 178°/ 178°                                    | 178° H/V                                                                                                                                                                                                                                     | 178(H)/178(V)                                                                                                                                                                         |
| Colors                                                                      | 1.07 billion colors                                            | 1.07 billion colors                                                                                                                                                                                                                          | 1.07 billion color                                                                                                                                                                    |
| Input Signal                                                                | (1) DP, (1) HDMI, (1) USB-C (90W power delivery);<br>(1) RJ-45 | HDMI, DisplayPort™, USB-C                                                                                                                                                                                                                    | 1x USB4® 40Gbps (support data transfer, DP 1.4 Alt Mode and up to 140W PD), USB upstream<br>2x HDMI® 2.1 TMDS[<br>1x DisplayPort™ 1.4<br>1x DisplayPort™ 1.4 (Out)                    |
| Cables Included                                                             | DisplayPort (DP-DP); USB-C (C-C); USB-C (C-A)                  | USB-C Cable                                                                                                                                                                                                                                  | 1x DP Cable (1.8m)<br>1x HDMI® cable (1.8m)<br>1x USB-C® to USB-A Gen 2 Cable (1m)<br>1x USB4® Cable (1m)                                                                             |
| Tilt Base                                                                   | Tilt (-5° to 21°)                                              | -5° to +20°                                                                                                                                                                                                                                  | -5° to +23.5°                                                                                                                                                                         |
| Swivel                                                                      | Swivel (-45° to 45°)                                           | ±45°                                                                                                                                                                                                                                         | Swivel (-45° to 45°)                                                                                                                                                                  |
| Height Adjustable                                                           | Yes                                                            | Yes                                                                                                                                                                                                                                          | Yes                                                                                                                                                                                   |
| Rotation Capable                                                            | Pivot 90°, clockwise and counterclockwise                      | 90° Pivotable                                                                                                                                                                                                                                | Rotation for portrait/landscape viewing (90 to portrait)                                                                                                                              |
| Mount                                                                       | VESA comp.                                                     | VESA Adapter                                                                                                                                                                                                                                 | VESA comp.                                                                                                                                                                            |
| Ports                                                                       | (4) USB-A; (1) DP; (1) HDMI; (1) USB-C; (1) RJ-45              | (1) USB-C- Charging capable of 65W<br>(1) SuperSpeed USB Type-C® 5Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.4)<br>(3) SuperSpeed USB Type-A 5Gbps signaling rate (1 charging)<br>1 RJ-45 (10/100/1000 Mbps) | 1x USB-C® 3.2 Gen 2 (support data transfer, up to 15W PD), USB downstream<br>1x USB-C® 3.2 Gen 2, USB upstream<br>4x USB 3.2 Gen 2 (1x BC 1.2), USB downstream<br>1x Ethernet (RJ-45) |
| Hardware Warranty                                                           | 3-Year Advanced Exchange Service and Premium Panel Guarantee   | 3YR Limited Warranty with Next Business Day On-Site                                                                                                                                                                                          | Three Year Next Business Day Advanced Exchange                                                                                                                                        |

|                            |                                                         |                                |                                      |
|----------------------------|---------------------------------------------------------|--------------------------------|--------------------------------------|
| Unit Dimensions and Weight | (H) 21.07 in; (W) 24.08 in; (D) 7.28 in; Weight 15.9lbs | 24.15 x 1.85 x 14.35 in, 22lbs | 24.15 x 8.68 x 15.66 inches; 19.4lbs |
|----------------------------|---------------------------------------------------------|--------------------------------|--------------------------------------|

| 4.5 Flat Panel Monitor,<br>32-inch (High Resolution, 4K,<br>with USB-C Hub) | Dell                                                         | HP                                                                                                                                                                                                                                                                                                                                                                       | Lenovo                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vendor Model Number                                                         | U3223QE                                                      | E32K G5                                                                                                                                                                                                                                                                                                                                                                  | ThinkVision P32p-30                                                                                                                                                                                             |
| Display Type                                                                | IPS                                                          | IPS                                                                                                                                                                                                                                                                                                                                                                      | 3-side NearEdgeless, In-Plane Switching                                                                                                                                                                         |
| Aspect Ratio                                                                | 16:9                                                         | 16:9                                                                                                                                                                                                                                                                                                                                                                     | 16:9                                                                                                                                                                                                            |
| Max / Native Resolution                                                     | 3840 x 2160 @ 60Hz                                           | 4K UHD (3840 x 2160 @ 60 Hz)                                                                                                                                                                                                                                                                                                                                             | 3840 x 2160 @ 60Hz                                                                                                                                                                                              |
| Response Time                                                               | 8 ms (normal); 5 ms (fast)                                   | 5 ms gray to gray                                                                                                                                                                                                                                                                                                                                                        | 6ms (typical)                                                                                                                                                                                                   |
| Image Contrast Ratio                                                        | 2000: 1 (typical)                                            | 1000:1 (Static); 8000000:1 (Dynamic)                                                                                                                                                                                                                                                                                                                                     | 1000:1 (typical), 3000000:1 dynamic                                                                                                                                                                             |
| Brightness                                                                  | 400 cd/m2 (typical)                                          | 350 cd/m²                                                                                                                                                                                                                                                                                                                                                                | 350 nits or cd/m2 (typical)                                                                                                                                                                                     |
| Pixel Pitch                                                                 | 0.18159 mm x 0.18159 mm                                      | 0.18                                                                                                                                                                                                                                                                                                                                                                     | 0.182 x 0.182 mm                                                                                                                                                                                                |
| Angle                                                                       | viewing angle at 178°/ 178°                                  | 178° H/V                                                                                                                                                                                                                                                                                                                                                                 | 178(H)/178(V)                                                                                                                                                                                                   |
| Colors                                                                      | 1.07 billion colors                                          | 1.07 billion colors                                                                                                                                                                                                                                                                                                                                                      | 1.07 billion color                                                                                                                                                                                              |
| Input Signal                                                                | (1) HDMI; (1) DP; (1) USB-C; (4) USB 3.2 Gen 1; (1) RJ-45    | HDMI, DisplayPort™, USB-C                                                                                                                                                                                                                                                                                                                                                | 1x HDMI® 2.1 TMDS<br>1x DisplayPort™ 1.4<br>1x Thunderbolt™ 4 In (Up to 100W), USB upstream                                                                                                                     |
| Cables Included                                                             | DisplayPort (DP-DP); USB (A-C); USB (C-C)                    | USB-C Cable                                                                                                                                                                                                                                                                                                                                                              | 1x DP Cable (1.8m)<br>1x USB-A to USB-B Cable (1.8m)<br>1x Thunderbolt™ 4 cable (40Gbps)                                                                                                                        |
| Tilt Base                                                                   | Tilt (-5° to 21°)                                            | -5° to +20°                                                                                                                                                                                                                                                                                                                                                              | -5° to +23.5°                                                                                                                                                                                                   |
| Swivel                                                                      | Swivel (-30° to 30°)                                         | ±45°                                                                                                                                                                                                                                                                                                                                                                     | Swivel (-45° to 45°)                                                                                                                                                                                            |
| Height Adjustable                                                           | Yes                                                          | Yes                                                                                                                                                                                                                                                                                                                                                                      | Yes                                                                                                                                                                                                             |
| Rotation Capable                                                            | Pivot 90°, clockwise and counterclockwise                    | 90° Pivotal                                                                                                                                                                                                                                                                                                                                                              | Rotation for portrait/landscape viewing (90 to portrait)                                                                                                                                                        |
| Mount                                                                       | VESA comp.                                                   | VESA Adapter                                                                                                                                                                                                                                                                                                                                                             | VESA comp.                                                                                                                                                                                                      |
| Ports                                                                       | (1) HDMI; (1) DP; (3) USB-C; (5) USB 3.2 Gen 1; (1) RJ-45    | (1) USB-C- Charging capable of 65W connectors<br>(1) HDMI 2.01 DisplayPort™ 1.4; 1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)<br>(1) SuperSpeed USB Type-C® 5Gbps signaling rate (up to 65W USB Power Delivery, AltMode DisplayPort™ 1.4)<br>(3) SuperSpeed USB Type-A 5Gbps signaling rate (1 charging)<br>(1) RJ-45 (10/100/1000 Mbps) | 1x Thunderbolt™ 4 In (Up to 100W), USB upstream<br>1x Thunderbolt™ 4 Out (Up to 27W), USB downstream<br>1x USB-B 3.2 Gen 1, USB upstream<br>4x USB 3.2 Gen 1 (1x BC 1.2), USB downstream<br>1x Ethernet (RJ-45) |
| Hardware Warranty                                                           | 3-Year Advanced Exchange Service and Premium Panel Guarantee | 3YR Limited Warranty with Next Business Day On-Site                                                                                                                                                                                                                                                                                                                      | Three Year Next Business Day Advanced Exchange                                                                                                                                                                  |

| 4.5 Flat Panel Monitor,<br>32-inch (High Resolution, 4K,<br>with USB-C Hub) | Dell                                                     | HP                                | Lenovo                               |
|-----------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------|--------------------------------------|
| Unit Dimensions and Weight                                                  | (H) 24.36 in; (W) 28.06 in; (D) 9.18 in; Weight 22.84lbs | 28.11 x 8.94 x 23.76 in, 18.52lbs | 28.12 x 9.24 x 17.50 inches; 22.2lbs |

| 4.5 Flat Panel Monitor,<br>32-inch (High Resolution, 4K,<br>with USB-C Hub)<br><b>Alternate Model)</b> | Dell                                                         | HP | Lenovo |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----|--------|
| Vendor Model Number                                                                                    | P3223DE                                                      |    |        |
| Display Type                                                                                           | IPS                                                          |    |        |
| Aspect Ratio                                                                                           | 16:9                                                         |    |        |
| Max / Native Resolution                                                                                | QHD 2560 x 1440 at 60 Hz                                     |    |        |
| Response Time                                                                                          | 8 ms (normal); 5 ms (fast)                                   |    |        |
| Image Contrast Ratio                                                                                   | 1000: 1 (typical)                                            |    |        |
| Brightness                                                                                             | 350 cd/m²                                                    |    |        |
| Pixel Pitch                                                                                            | 0.2727 mm X 0.2727 mm                                        |    |        |
| Angle                                                                                                  | viewing angle at 178°/ 178°                                  |    |        |
| Colors                                                                                                 | 1.07 billion colors                                          |    |        |
| Input Signal                                                                                           | (1) HDMI; (1) DP; (1) USB-C; (4) UBB 3.2 Gen 1; (1) RJ-45    |    |        |
| Cables Included                                                                                        | DisplayPort (DP-DP); USB (A-C); USB (C-C)                    |    |        |
| Tilt Base                                                                                              | Tilt (-5° to 21°)                                            |    |        |
| Swivel                                                                                                 | Swivel (-45° to 45°)                                         |    |        |
| Height Adjustable                                                                                      | Yes                                                          |    |        |
| Rotation Capable                                                                                       | Pivot 90°, clockwise and counterclockwise                    |    |        |
| Mount                                                                                                  | VESA comp.                                                   |    |        |
| Ports                                                                                                  | (1) HDMI; (2) DP; (1) USB-C; (4) UBB 3.2 Gen 1; (1) RJ-45    |    |        |
| Hardware Warranty                                                                                      | 3-Year Advanced Exchange Service and Premium Panel Guarantee |    |        |
| Unit Dimensions and Weight                                                                             | (H) 24.3 in; (W) 28.0 in; (D) 9.1 in; Weight 25.8lbs         |    |        |

| 4.6 Flat Panel Monitor,<br>24-inch<br>for Video Conferencing | Dell                                                                                                  | HP                                                                                                                                                                                                                                                                             | Lenovo                                                                                             |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Vendor Model Number                                          | P2424HEB                                                                                              | E24M G4                                                                                                                                                                                                                                                                        | ThinkVision T24v-30                                                                                |
| Display Type                                                 | IPS                                                                                                   | IPS                                                                                                                                                                                                                                                                            | 3-side NearEdgeless In-Plane Switching                                                             |
| Video Conference Capable                                     | Yes - Camera - 1080p, FHD, IR Built-in Dual Digital Microphones; Speakers                             | Camera 5MP; 2 microphones; speakers                                                                                                                                                                                                                                            | 1920 x 1080, 2.0-megapixel, IR + RGB camera<br>Integrated microphone<br>Integrated Speakers, 2x 3W |
| Aspect Ratio                                                 | 16:9                                                                                                  | 16:9                                                                                                                                                                                                                                                                           | 16:9                                                                                               |
| Max / Native Resolution                                      | 1920 x 1080 @ 60Hz                                                                                    | 1920 x 1080                                                                                                                                                                                                                                                                    | 1920 x 1080 @ 75Hz                                                                                 |
| Response Time                                                | 8 ms (normal); 5 ms (fast)                                                                            | 5ms (typical)                                                                                                                                                                                                                                                                  | 6ms (typical)                                                                                      |
| Image Contrast Ratio                                         | 1000: 1 (typical)                                                                                     | 1000:1                                                                                                                                                                                                                                                                         | 1000:1; 3M:1                                                                                       |
| Brightness                                                   | 250 cd/m² (typical)                                                                                   | 250 nits                                                                                                                                                                                                                                                                       | 250 cd/m2                                                                                          |
| Pixel Pitch                                                  | 0.2745 mm x 0.2745 mm                                                                                 | 0.2745mm x 0.2745mm                                                                                                                                                                                                                                                            | 0.2745 x 0.2745 mm                                                                                 |
| Angle                                                        | (178° vertical / 178° horizontal)                                                                     | 178° H/V                                                                                                                                                                                                                                                                       | 178(H)/178(V)                                                                                      |
| Colors                                                       | 16.7 million colors                                                                                   | Up to 16.7 million colors                                                                                                                                                                                                                                                      | 16.7 million colors                                                                                |
| Input Signal                                                 | (1) HDMI; (1) DP; (1) RJ45; (1) USB-B; (3) USB-A; (1) USB-C; (1) headphone/microphone jack            | USB-C; DisplayPort, HDMI                                                                                                                                                                                                                                                       | 1 x HDMI 1.4<br>1 x DP 1.2<br>1 x VGA                                                              |
| Cables Included                                              | DP (DP-DP); USB-C (C-C); USB (A-B)                                                                    | USB-C Cable                                                                                                                                                                                                                                                                    | 1x HDMI Cable (1.8m)<br>1x USB-A to USB-B Cable (1.8m)                                             |
| Tilt Base                                                    | Tilt (-5° to 21°)                                                                                     | (-5 to +20)                                                                                                                                                                                                                                                                    | -5 to +23.5°                                                                                       |
| Swivel                                                       | Swivel (-45° to 45°)                                                                                  | ±45°                                                                                                                                                                                                                                                                           | swivel: +/-45°; detachable stand                                                                   |
| Height Adjustable                                            | Yes                                                                                                   | Yes                                                                                                                                                                                                                                                                            | Yes                                                                                                |
| Rotation Capable                                             | Pivot (90° clockwise)                                                                                 | Yes                                                                                                                                                                                                                                                                            | 90° Pivotable                                                                                      |
| Mount                                                        | VESA comp.                                                                                            | 100 mm VESA mount                                                                                                                                                                                                                                                              | VESA comp.                                                                                         |
| Ports                                                        | (1) HDMI; (1) DP; (1) DP-out (1) RJ45; (1) USB-B; (3) USB-A; (1) USB-C; (1) headphone/microphone jack | (1) SuperSpeed USB Type-A 5Gbps signaling rate;<br>(1) HDMI 1.4<br>(1) DisplayPort™ 1.2<br>(1) DisplayPort™ 1.2-out<br>(1) 3.5 mm Audio Jack (Audio In/Out Combo)<br>(1) SuperSpeed USB Type-C® 5Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.2) | 1x USB-B 3.2 Gen 1, USB upstream<br>1x USB 2.0<br>3x USB 3.2 Gen 1, USB downstream                 |

| 4.6 Flat Panel Monitor,<br>24-inch<br>for Video Conferencing | Dell                                                         | HP                                                                             | Lenovo                                         |
|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------|
|                                                              |                                                              | (4) SuperSpeed USB Type-A 5Gbps signaling rate<br>(1) RJ-45 (10/100/1000 Mbps) |                                                |
| Hardware Warranty                                            | 3-Year Advanced Exchange Service and Premium Panel Guarantee | 3YR Limited Warranty with 9X5 Next Business Day On-Site                        | Three Year Next Business Day Advanced Exchange |
| Unit Dimensions and Weight                                   | (H) 15.81; (W) 21.20 in; (D) 7.3 in; Weight 13.4lbs          | 21.24 x 1.85 x 14 in; 16.29lbs                                                 | 21.25 x 7.86 x 15.27 inches; 13.2lbs           |

| 4.7 Flat Panel Monitor,<br>27-inch for Video<br>Conferencing | Dell                                                                                                   | HP                                                        | Lenovo                                                                                                                     |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Vendor Model Number                                          | P2724DEB                                                                                               | E27M G4                                                   | ThinkVision T27hv-30                                                                                                       |
| Display Type                                                 | IPS                                                                                                    | IPS                                                       | 3-side NearEdgeless; In-Plane Switching                                                                                    |
| Video Conference Capable                                     | Yes - Camera - 1080p, FHD, IR Built-in Dual Digital Microphones; Speakers                              | Yes, Camera - 5MP; 2 microphones; speakers                | 2592 x 1944, 5.0-megapixel, IR + RGB camera<br>Integrated Microphone<br>Integrated speakers 2x 5W                          |
| Aspect Ratio                                                 | 16:9                                                                                                   | 16:9                                                      | 16:9                                                                                                                       |
| Max / Native Resolution                                      | QHD 2560 X 1440 @ 60Hz                                                                                 | 2560 x 1440 @ 60 Hz                                       | 2560 x 1440 @ 75Hz                                                                                                         |
| Response Time                                                | 8 ms (normal); 5 ms (fast)                                                                             | 5ms                                                       | 6ms (typical)                                                                                                              |
| Image Contrast Ratio                                         | 1000: 1 (typical)                                                                                      | 1000 to 1; 10000000:1 (Dynamic)                           | 1000:1 (typical), 3000000:1 dynamic                                                                                        |
| Brightness                                                   | 350, LED Backlight                                                                                     | 300                                                       | 350 nits or cd/m2 (typical)                                                                                                |
| Pixel Pitch                                                  | .2331mm x .2331mm                                                                                      | .2331mm x .2331mm                                         | 0.2331 x 0.2331 mm                                                                                                         |
| Angle                                                        | 178° vertical / 178° horizontal                                                                        | 178(H)/178(V)                                             | 178(H)/178(V)                                                                                                              |
| Colors                                                       | 16.7 mill color                                                                                        | 16.7 million colors                                       | 16.7 million                                                                                                               |
| Input Signal                                                 | (1) HDMI; (1) DP; (1) RJ45; (1) USB-B; (2) USB-A; (2) USB-C; (1) headphone/microphone jack             | USB-C, HDMI, DisplayPort                                  | 1x HDMI® 2.1<br>1x DisplayPort™ 1.4<br>1x DisplayPort out<br>1x USB-C 3.2 Gen 1 (DP 1.4 alt mode, up to 90W), USB upstream |
| Cables Included                                              | DP (DP-DP); USB-C (C-C); USB (A-B)                                                                     | USB-C Cable                                               | 1x USB-C® to USB-C Cable (1.8m)                                                                                            |
| Tilt Base                                                    | Tilt (-5° to 21°)                                                                                      | (-5 to +20)                                               | (-5° to 23.5°)                                                                                                             |
| Swivel                                                       | Swivel (-45° to 45°)                                                                                   | (-45 to +45)                                              | Swivel (-45° to 45°)                                                                                                       |
| Height Adjustable                                            | Yes                                                                                                    | Yes                                                       | Yes                                                                                                                        |
| Rotation Capable                                             | Pivot 90°, clockwise and counterclockwise                                                              | Yes                                                       | Rotation for portrait/landscape viewing (90 to portrait)                                                                   |
| Mount                                                        | VESA comp.                                                                                             | VESA comp.                                                | VESA comp.                                                                                                                 |
| Ports                                                        | (1) HDMI; (1) DP; (1) DP-out; (1) RJ45; (1) USB-B; (2) USB-A; (2) USB-C; (1) headphone/microphone jack | (1) HDMI, (1) DisplayPort™, (1) USB-C® plus (4) USB ports | 4x USB 3.2 Gen 1, USB downstream<br>1x Ethernet (RJ-45)                                                                    |
| Hardware Warranty                                            | 3-Year Advanced Exchange Service and Premium Panel Guarantee                                           | 3YR Limited Warranty with Next Business Day On-Site       | Three Year Next Business Day Advanced Exchange                                                                             |
| Unit Dimensions and Weight                                   | (H) 17.32 in; (W) 24.09 in; (D) 9.1 in; Weight 18.2lbs                                                 | 24.13 x 1.85 x 15.61 in; 18.78lbs                         | 24.17 x 8.06 x 16.91 inches; 17.4lbs                                                                                       |



| 4.8 34-inch Curved Monitor | Dell                                                                                                                                                                                                                                                     | HP                                                                  | Lenovo                                                                                                           |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Vendor Model Number        | P3425WE                                                                                                                                                                                                                                                  | P34hc G4 WQHD USB-C Curved                                          | ThinkVision T34w-30                                                                                              |
| Display Type               | IPS, Curved Screen (3800R)                                                                                                                                                                                                                               | VA curved Display 1500R                                             | 3-side NearEdgeless, VA 1500R                                                                                    |
| Aspect Ratio               | 21:9                                                                                                                                                                                                                                                     | 21:9                                                                | 21:9                                                                                                             |
| Max / Native Resolution    | WQHD 3440 x 1440 at 60 Hz                                                                                                                                                                                                                                | WQHD 3440 x 1440p                                                   | 3440 x 1440 @60Hz                                                                                                |
| Response Time              | 8 ms (normal); 5 ms (fast)                                                                                                                                                                                                                               | 5ms (typical)                                                       | 6ms (typical)                                                                                                    |
| Image Contrast Ratio       | 1000: 1 (dynamic)                                                                                                                                                                                                                                        | 1000 to 1; 5000000:1 (Dynamic)                                      | (3000:1), 3,000,000:1                                                                                            |
| Brightness                 | 350 cd/m² (typical), LED Backlight                                                                                                                                                                                                                       | 250 nits                                                            | 350 WLED                                                                                                         |
| Pixel Pitch                | 0.2325 mm x 0.2325 mm                                                                                                                                                                                                                                    | 0.231 mm                                                            | 0.2317 x 0.2317 mm                                                                                               |
| Angle                      | (178° vertical / 178° horizontal)                                                                                                                                                                                                                        | 178° H/V                                                            | 178(H)/178(V)                                                                                                    |
| Colors                     | 1.07 Billion colors                                                                                                                                                                                                                                      | Up to 16.7 million colors                                           | 16.7 million colors                                                                                              |
| Input Signal               | 1 x HDMI port<br>1 x DisplayPort 1.4 port<br>3 x USB Type-A 5Gbps downstream ports<br>1 x USB Type-B 5Gbps upstream port<br>1 x USB-C 5Gbps downstream port (Power Delivery up to 15 W)<br>1 x USB-C 5Gbps upstream port<br>1 x RJ45 Ethernet port, 1GbE | USB-C, HDMI, DisplayPort                                            | 1x USB-C® 3.2 Gen 1 (DP 1.4 Alt Mode and up to 75W PD), USB upstream<br>1x HDMI® 2.1 TMDS<br>1x DisplayPort™ 1.4 |
| Cables Included            | Display Port (DP-DP); USB (C-C); USB (A-B)                                                                                                                                                                                                               | USB-C, HDMI, DisplayPort                                            | 1 x USB Type-C to Type-C cable (1.8 m)                                                                           |
| Tilt Base                  | Tilt (-5° to 21°)                                                                                                                                                                                                                                        | -5 to +20°                                                          | -5 to +23.5°                                                                                                     |
| Swivel                     | Swivel (-30° to 30°)                                                                                                                                                                                                                                     | N/A                                                                 | Swivel (-45° to 45°)                                                                                             |
| Height Adjustable          | Yes                                                                                                                                                                                                                                                      | Yes                                                                 | Yes                                                                                                              |
| Rotation Capable           | N/A                                                                                                                                                                                                                                                      | N/A                                                                 | N/A                                                                                                              |
| Mount                      | VESA comp.                                                                                                                                                                                                                                               | 100 x 100 mm                                                        | VESA comp.                                                                                                       |
| USB Ports                  | 3 x USB Type-A 5Gbps downstream ports<br>1 x USB Type-B 5Gbps upstream port<br>1 x USB-C 5Gbps downstream port (Power Delivery up to 15 W)<br>1 x USB-C 5Gbps upstream port                                                                              | (1) USB-C®, (1) DisplayPort™, (1) HDMI<br>(4) SuperSpeed USB Type-A | 4x USB 3.2 Gen 1 (1x BC 1.2), USB downstream<br>1x Ethernet (RJ-45)                                              |
| Hardware Warranty          | 3-Year Advanced Exchange Service and Premium Panel Guarantee                                                                                                                                                                                             | 3YR Limited Warranty with 9X5 Next Business Day On-Site             | Three Year Next Business Day Advanced Exchange                                                                   |
| Unit Dimensions and Weight | (H) 21.31; (W) 32.12 in; (D) 9.03 in; Weight 21.85lbs                                                                                                                                                                                                    | 31.89 x 4.41 x 14.44 in; 23.17lbs                                   | 31.83 x 9.12 x 16.31 inches 20.94lbs                                                                             |

| 4.9 38-40 inch Curved Monitor | Dell                                                                                   | HP                                                                                                                                                                                                                                                                  | Lenovo                                                                                             |
|-------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Vendor Model Number           | U3824DW                                                                                | 738PU                                                                                                                                                                                                                                                               | ThinkVision P40w-20                                                                                |
| Display Type                  | IPS, Curved Screen (2300R)                                                             | IPS, 2300R                                                                                                                                                                                                                                                          | 3-side NearEdgeless<br>In-Plane Switching 2500R                                                    |
| Video Conference Capable      | N/A                                                                                    | N/A                                                                                                                                                                                                                                                                 | N/A                                                                                                |
| Aspect Ratio                  | 21:9                                                                                   | 21:9                                                                                                                                                                                                                                                                | 21:9                                                                                               |
| Max / Native Resolution       | WQHD+ (3840 x 1600 @ 60 Hz)                                                            | WAHD+(3840x1600)                                                                                                                                                                                                                                                    | 5120 x 2160 @75Hz                                                                                  |
| Response Time                 | 5 ms (Fast mode), 8 ms (Normal mode)                                                   | 5 ms                                                                                                                                                                                                                                                                | 6ms (typical)                                                                                      |
| Image Contrast Ratio          | 2000: 1 (typical)                                                                      | 2000:1                                                                                                                                                                                                                                                              | 1000:1 (typical), 3000000:1 dynamic                                                                |
| Brightness                    | 300 cd/m² (typical), LED Backlight                                                     | 400 nits                                                                                                                                                                                                                                                            | 300 WLED                                                                                           |
| Pixel Pitch                   | 0.22908 mm x 0.22908 mm                                                                | 0.23                                                                                                                                                                                                                                                                | 0.1815 x 0.1815 mm                                                                                 |
| Angle                         | viewing angle at 178°/ 178°                                                            | 178° H/V                                                                                                                                                                                                                                                            | 178(H)/178(V)                                                                                      |
| Colors                        | 1.07 billion colors                                                                    | 1.07 billion colors                                                                                                                                                                                                                                                 | 1.07 billion color                                                                                 |
| Input Signal                  | (1) DP; (2) HDMI; (2) USB-C; (1) RJ-45; (4) USB-A                                      | (1) HDMI, (1) DisplayPort, (1) USB-C, (1) Thunderbolt                                                                                                                                                                                                               | 1x HDMI® 2.0<br>1x DisplayPort 1.4<br>1x USB-B 3.2 Gen 1, USB upstream                             |
| Cables Included               | HDMI (HDMI-HDMI); DisplayPort (DP-DP); USB-C (C-C); USB 3.2 (A-C)                      | DP, HDMI, USB-C to A/TB                                                                                                                                                                                                                                             | 1 x Thunderbolt™ 4 cable (40 Gbps)                                                                 |
| Tilt Base                     | Tilt (-5° to 21°)                                                                      | -5° to +20°                                                                                                                                                                                                                                                         | -5° to +22°                                                                                        |
| Swivel                        | Swivel (-30° to 30°)                                                                   | ±10°                                                                                                                                                                                                                                                                | Swivel (-45° to 45°)                                                                               |
| Height Adjustable             | Yes                                                                                    | 100 x 100 mm                                                                                                                                                                                                                                                        | Yes                                                                                                |
| Rotation Capable              | N/A                                                                                    | N/A                                                                                                                                                                                                                                                                 | N/A                                                                                                |
| Mount                         | VESA comp.                                                                             | VESA mount                                                                                                                                                                                                                                                          | VESA comp.                                                                                         |
| Ports                         | (2) HDMI; (1) DP; (4) USB-C; (4) USB-A                                                 | (1) HDMI 2.0<br>(1) DisplayPort™ 1.4<br>(1) DisplayPort™ 1.4-out<br>(1) USB Type-C® 10Gbps signaling rate (15 W charging)<br>(1) Thunderbolt™ 4 with USB Type-C® )<br>(5) USB Type-A 10Gbps signaling rate (1 charging with 7.5 W)<br>(1) RJ-45 (10/100/1000 Mbps)" | 2x Thunderbolt™ 4<br>1x USB-C® 3.2 Gen 1 (27W), USB downstream<br>4x USB 3.2 Gen 1, USB downstream |
| Hardware Warranty             | 3-Year Advanced Exchange Service and Premium Panel Guarantee                           | 3YR Limited Warranty with Next Business Day On-Site                                                                                                                                                                                                                 | Three Year Next Business Day Advanced Exchange                                                     |
| Unit Dimensions and Weight    | (H) 17.47 in compressed, 22.20 in extended; (W) 35.21 in; (D) 9.89 in; Weight 29.25lbs | 35.21 x 10.51 x 22.87 in; 41.7lbs                                                                                                                                                                                                                                   | 37.30 x 11.00 x 20.12 inches; 32.19lbs                                                             |

| 4.10 Portable 14 inch Monitor | Dell                                                            | HP                                                  | Lenovo                                                                           |
|-------------------------------|-----------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------|
| Vendor Model Number           | P1424H                                                          | E14 G4 Portable                                     | ThinkVision M14d                                                                 |
| Display Type                  | IPS / LED                                                       | IPS                                                 | IPS                                                                              |
| Aspect Ratio                  | 16:9                                                            | 16:9                                                | 16:9                                                                             |
| Max / Native Resolution       | 1920x1080 @ 60 Hz                                               | 1920x1080 @ 60 Hz                                   | 2240 x 1400 @ 60Hz                                                               |
| Response Time                 | 6 ms (gray-to-gray)                                             | 5ms gray to gray                                    | 6ms                                                                              |
| Image Contrast Ratio          | 700:1 / 700:1 (typical)                                         | 800:1                                               | Contrast Ratio: 1500:1<br>Dynamic Contrast Ratio: 3M:1                           |
| Brightness                    | 300 cd/m² (typical), LED Backlight                              | 400 nits                                            | 300 nits                                                                         |
| Pixel Pitch                   | 0.1611 mm                                                       | 0.161mm                                             | 0.135 x 0.135 mm                                                                 |
| Angle                         | 178° H/V                                                        | 178° H/V                                            | Horizontal: 178°, Vertical: 178°                                                 |
| Colors                        | 16.7 million colors                                             | Up to 16.7 million colors                           | 16.7 Million                                                                     |
| Input Signal                  | 2 x USB-C/DisplayPort 1.2 Alt Mode (HDCP 1.4 / power up to 65W) | USB-C                                               | 2x USB-C® 3.1 Gen 1 (DP 1.2 Alt Mode, USB 2.0 data transfer)                     |
| Cables Included               | USB-C (C-C)                                                     | USB-C Cable                                         | 1x USB-C to USB-C Cable (1m)                                                     |
| Tilt Base                     | Tilt (10° to 90°)                                               | (0 to 90)                                           | Supports -5° to +95° tilt                                                        |
| Swivel                        | N/A                                                             | N/A                                                 | N/A                                                                              |
| Height Adjustable             | N/A                                                             | N/A                                                 | N/A                                                                              |
| Rotation Capable              | N/A                                                             | N/A                                                 | N/A                                                                              |
| Mount                         | N/A                                                             | N/A                                                 | Supports VESA mount 100mm, 2 screw holes                                         |
| Ports                         | (2) USB-C 3.2 Gen 1                                             | (2) USB-C                                           | 2x USB-C® 3.1 Gen 1 (DP 1.2 Alt Mode, USB 2.0 data transfer)                     |
| Hardware Warranty             | 3-Year Advanced Exchange Service and Premium Panel Guarantee    | 3YR Limited Warranty with Next Business Day On-site | Three (3) year next business day advanced exchange with return shipping included |
| Unit Dimensions and Weight    | (H) 7.98 in; (W) 12.69 in (D) 0.56 in; Weight 1.41lbs           | 25.43 x 17.24 x10.59 in; 1.41lbs                    | 12.38 x 4.19 x 8.52 inches; 1.3lbs                                               |

| 4.11 Portable 15 inch Monitor | Dell | HP | Lenovo                                                                                            |
|-------------------------------|------|----|---------------------------------------------------------------------------------------------------|
| Vendor Model Number           |      |    | ThinkVision M15                                                                                   |
| Display Type                  |      |    | IPS                                                                                               |
| Aspect Ratio                  |      |    | 16:9                                                                                              |
| Max / Native Resolution       |      |    | 1920x1080 @ 60 Hz                                                                                 |
| Response Time                 |      |    | 6ms                                                                                               |
| Image Contrast Ratio          |      |    | Contrast Ratio: 1000:1<br>Dynamic Contrast Ratio: 3M:1                                            |
| Brightness                    |      |    | 250 nits                                                                                          |
| Pixel Pitch                   |      |    | 0.179 x 0.179 mm                                                                                  |
| Angle                         |      |    | Horizontal: 178°, Vertical: 178°                                                                  |
| Colors                        |      |    | 16.7 Million                                                                                      |
| Input Signal                  |      |    | 2x USB-C 3.1 Gen 1 (DP 1.2 Alt Mode, one USB upstream, one USB downstream, USB 2.0 data transfer) |
| Cables Included               |      |    | 1x USB-C to USB-C Cable (1m)                                                                      |
| Tilt Base                     |      |    | Supports -5° to +90° tilt                                                                         |
| Swivel                        |      |    | N/A                                                                                               |
| Height Adjustable             |      |    | N/A                                                                                               |
| Rotation Capable              |      |    | N/A                                                                                               |
| Mount                         |      |    | Supports VESA mount 100mm, 2 screw holes                                                          |
| Ports                         |      |    | 2x USB-C 3.1 Gen 1 (DP 1.2 Alt Mode, one USB upstream, one USB downstream, USB 2.0 data transfer) |
| Hardware Warranty             |      |    | Three (3) year next business day advanced exchange with return shipping included                  |
| Unit Dimensions and Weight    |      |    | 4.27 x 9.27 x 14.17 inches; 1.9lbs                                                                |

## **SECTION 4: Updates to Award**

- 2024-09-19:** Corrected part numbers & format for 2-in-1 accessories
- 2024-09-26:** Formatting correction
- 2024-10-14:** HP removed EOL Item 4.3 - Flat Panel Monitor, 24-inch (High Resolution). HP no longer has 24-inch High Resolution monitor and is offering a 27-inch High Resolution monitor as a replacement at a lower cost than the 24-inch. Alternate model is the S5 Pro 527pq QHD Monitor.
- 2024-10-25:** Lenovo corrected part number and cost for Item 2.28 - Laptop Backpack (nylon, water-resistant) – New Part Number: 4X40T84059 & New Cost: \$17.00.
- 2024-11-05:** Lenovo has updated the part number and cost of Item 5.06 - Keyboard, USB, Enhanced. Lenovo has removed Item 6.13 - 6-in-1 USB-C Multiport Adapter.
- 2024-11-06:** HP has removed part for 4.2B 6N6F2Aa and replacing it with 9D9S0UT the same part and price we used for the Alt 4.3A.
- 2024-11-08:** HP has updated the pricing on all the Desktops and Notebooks. This entails lowering costs on 2.3B High End notebook warranties; the warranties are now the same part number as the 2.3A High End Notebooks. Also lowering costs on all Warranty upgrades on items 1.17-1.24, 2.32-2.55, and 3.10-3.15.
- 2025-01-07:** Dell has removed part number for Items 2.21, 2.22a, 2.22b, 2.25, and 3.04 for Dell 65W USB-C Power adapter and replaced it with New SKU - 492-BDQM Dell 65W USB-C AC Adapter.
- 2025-01-09:** HP corrected the part numbers for Items 2.26 & 3.07 (Nylon Carrying Case) and for Items 2.29 & 3.09 (Laptop Backpack (nylon, water-resistant)). HP had transposed part # 1X645AA and 1X644AA on their original bid response.
- 2025-01-17:** Dell updated video card in Item 1.3 Workstation 1 (i7 Proc). New video card is Nvidia RTX A1000, 8GB GDDR6, and 4 mDP.
- 2025-02-28:** HP has replaced 4.1b Flat Panel Monitor, 24-inch (no USB-C Hub) Part Number 6N6E9AA with a HP Series 5 Pro 23.8" FHD Monitor – 524pf -Part Number 9D9L6UT.
- 2025-05-01:** Dell updated the following end of life laptop models:  
Item 2.3a High End Laptop 1 (Intel Processor, nonvPro, Non-Touchscreen) – Replaced with Dell Pro 16 PC16250.  
Item 2.3b High End Laptop 1 (Intel Processor, nonvPro, Touchscreen) - Replaced with Dell Pro 16 PC16250.  
Item 2.4a High End Laptop 2 (Intel Processor, vPro, Non-Touchscreen) – Replaced with Dell Pro Max 16/16XE MC16250  
Item 2.4b High End Laptop 2 (Intel Processor, vPro, Touchscreen) – Replaced with Dell Pro Max 16/16XE MC16250  
Dell updated the following Peripheral Option part number:  
Item 2.22b High End Laptop 2 USB-C AC Adapter/Power Supply  
Item 2.16 Standard Laptop Port Replicator (Docking Station)  
Item 2.17a High End Laptop 1 Port Replicator (Docking Station)  
Item 2.17b High End Laptop 2 Port Replicator (Docking Station)  
Item 2.18a Elite Laptop 1 Port Replicator (Docking Station)  
Item 2.18b Elite Laptop 2 Port Replicator (Docking Station)  
Item 2.18c Elite Laptop 3 Port Replicator (Docking Station)  
Item 2.19 Ultralight Laptop Port Replicator (Docking Station)  
Item 2.20 (All Laptop Configurations) USB/Thunderbolt Universal Docking Station  
Item 3.03 2-in-1 Laptop / Tablet Docking Station (USB-C/Thunderbolt Universal dock)

**2025-05-12:** Dell has updated the following end-of-life devices and monitors:  
Item 1.1 Standard Desktop - Optiplex 7020 SFF with (Dell Pro Slim QCS1250)  
Item 1.2 Mid-Range Desktop - Optiplex 7020 SFF with Dell Pro Slim QCS1250  
Item 2.8a Ultralight Laptop (non-vPro) - Latitude 5450 with Dell Pro 14 (PC14250) XCTO Base  
Item 2.8b Ultralight Laptop (vPro) - Latitude 5450 with Dell Pro 14 Plus (PB14250) XCTO Base  
Item 3.1a 2-in-1 Laptop / Tablet (No WWAN) - Latitude 5350 2-in-1 with Dell Pro 13 Plus PB13250  
Item 3.1b 2-in-1 Laptop / Tablet (AT&T) - Latitude 5350 2-in-1 with Dell Pro 13 Plus PB13250  
Item 3.1c 2-in-1 Laptop / Tablet (T-Mobile) - Latitude 5350 2-in-1 with Dell Pro 13 Plus PB13250  
Item 3.1d 2-in-1 Laptop / Tablet (Verizon) - Latitude 5350 2-in-1 with Dell Pro 13 Plus PB13250  
Item 3.2a 2-in-1 Laptop / Tablet (No WWAN)(Intel vPro) - Latitude 5350 2-in-1 with Dell Pro 13 Plus PB13250  
Item 3.2b 2-in-1 Laptop / Tablet (AT&T)(Intel vPro) - Latitude 5350 2-in-1 with Dell Pro 13 Plus PB13250  
Item 3.2c 2-in-1 Laptop / Tablet (T-Mobile)(Intel vPro) - Latitude 5350 2-in-1 with Dell Pro 13 Plus PB13250  
Item 3.2d 2-in-1 Laptop / Tablet (Verizon)(Intel vPro) - Latitude 5350 2-in-1 with Dell Pro 13 Plus PB13250  
Item 2.5a Elite Laptop 1 (Intel i7 vPro, 6GB Video, 32GB Memory, 512GB SSD, Non-Touch) - Mobile Precision 3590 with Dell Precision 3591  
Item 2.5b Elite Laptop 1 (Intel i7 vPro, 6GB Video, 32GB Memory, 512GB SSD, Touchscreen) - Mobile Precision 3590 with Dell Precision 3591  
Item 4.8 34-inch Curved Monitor with Dell Pro 27 Plus QHD USB-C Hub Monitor - P2725DE  
Item 4.2a Flat Panel Monitor, 27-inch (with USB-C hub) with Dell Pro 34 Plus USB-C Hub Monitor - P3425WE  
Item 4.2bFlat Panel Monitor, 27-inch (no USB-C hub)(should be "sister" monitor to 4.2a) with Dell Pro 27 Plus QHD Monitor - P2725D  
Item 2.1a Standard Laptop (Intel, NonTouchscreen, 256GB SSD) - Latitude 3450 with Dell Pro 14 PC14250  
Item 2.1b Standard Laptop (Intel, Non-Touchscreen, 512GB SSD) - Latitude 3450 with Dell Pro 14 PC14250 Touch Screen  
Item 2.2a Standard Laptop (Intel, Touchscreen, 256GB SSD) - Latitude 3450 with Dell Pro 14 PC14250  
Item 2.2b Standard Laptop (Intel, Touchscreen, 512GB SSD) - Latitude 3450 with Dell Pro 14 PC14250  
Item 1.5 Micro/Tiny Desktop (Intel i3 Proc, 512GB SSD) - OptiPlex 7020 Micro with Dell Pro Micro QCM1250  
Item 1.6 Micro/Tiny Desktop (Intel i5 Proc, 512GB SSD, Wireless card) - OptiPlex 7020 Micro with Dell Pro Micro QCM1250

**2025-06-6:** HP has updated the pricing for the following items due to tariff increases:  
Item 2.7a - Elite Laptop 3 (Intel i9 vPro, 12GB Video, 64GB Memory, 1TB SSD, Non-Touch)  
Item 2.7b - Elite Laptop 3 (Intel i9 vPro, 12GB Video, 64GB Memory, 1TB SSD, Touchscreen)  
Item 2.8a - Ultralight Laptop (non-vPro)  
Item 2.8b - Ultralight Laptop (Intel vPro)  
Item 4.4 - Flat Panel Monitor, 27-inch (High Resolution, 4K, with USB-C Hub)  
Item 4.5 - Flat Panel Monitor, 32-inch (High Resolution, 4K, with USB-C Hub)  
Item 4.8 - 34-inch Curved Monitor  
Item 4.9 - 38–40-inch Curved Monitor  
Item 4.10 - Portable 14-inch Monitor  
Item 1.07 - Standard Desktop 16.0GB Non-ECC DDR SDRAM Memory (1 DIMM)

Item 1.08 – Mid-Range Desktop - 16.0GB Non-ECC DDR SDRAM Memory (1 DIMM)  
 Item 1.09 – Tiny/Micro Desktop - 16.0GB Non-ECC DDR SDRAM Memory (1 DIMM)  
 Item 1.10 - Standard Desktop - 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)  
 Item 1.11 – Mid-range Desktop - 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)  
 Item 1.12a – Workstation 1 - 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)  
 Item 1.12b – Workstation 2 - 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)  
 Item 1.13 – Tiny/Micro Desktop - 32.0GB Non-ECC DDR SDRAM Memory (1 DIMM)  
 Item 1.15 – Tiny/Micro Desktop - Micro VESA Mount with adapter box  
 Item 1.16 – Tiny/Micro Desktop - Micro All-in-One Stand  
 Item 1.17 – Standard Desktop - 4th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 1.18 – Mid-Range Desktop - 4th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 1.19 – Workstation 1 & 2 - 4th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 1.20 – Tiny/Micro Desktop - 4th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 1.21 – Standard Desktop - 5th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 1.22 – Mid-range Desktop - 5th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 1.23 – Workstation 1&2 - 5th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 1.24 – Tiny Macro Desktop - 5th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 2.10a – High End Laptop 1 - 32.0GB DDR SDRAM Memory (1 DIMM)  
 Item 2.10b – High End Laptop 2 - 32.0GB DDR SDRAM Memory (1 DIMM)  
 Item 2.11a – Elite Laptop 1 - 32.0GB DDR SDRAM Memory (1 DIMM)  
 Item 2.11b – Elite Laptop 2 - 32.0GB DDR SDRAM Memory (1 DIMM)  
 Item 2.24b - AC Adapter / Power Supply for Elite Laptop 2  
 Item 2.24c - AC Adapter / Power Supply for Elite Laptop 3  
 Item 2.29 - Cable Lock for All Laptop Configurations  
 Item 2.30 - 4-Port USB 3.0 Hub with cable - for All Laptop Configurations  
 Item 2.32 – 4th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 2.33 – 4th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 2.34 - 4th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 2.35 - 4th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 2.36 - 5th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 2.37 - 5th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 2.38 - 5th Year Next Business Day, On-site w/hard drive retention warranty  
 Item 2.39 - 5th Year Next Business Day, On-site w/hard drive retention warranty

Item 2.44 - 3 Year Accidental Damage Warranty  
Item 2.45 - 3 Year Accidental Damage Warranty  
Item 2.46 - 3 Year Accidental Damage Warranty  
Item 2.47 - 3 Year Accidental Damage Warranty  
Item 2.48 - 4 Year Accidental Damage Warranty  
Item 2.49 - 4 Year Accidental Damage Warranty  
Item 2.50 - 4 Year Accidental Damage Warranty  
Item 2.51 - 4 Year Accidental Damage Warranty  
Item 2.52 - 5 Year Accidental Damage Warranty  
Item 2.53 - 5 Year Accidental Damage Warranty  
Item 2.54 - 5 Year Accidental Damage Warranty  
Item 2.55 - 5 Year Accidental Damage Warranty  
Item 3.06 - Stylus  
Item 3.07 - Nylon Carrying Case  
Item 3.09 - Laptop Backpack (nylon, water-resistant)  
Item 3.10 - Next Business Day, On-site w/hard drive retention warranty  
Item.3.11 - 5th Year Next Business Day, On-site w/hard drive retention warranty  
Item 3.12 - 3 Year Accidental Damage Warranty  
Item 3.13 - 4 Year Accidental Damage Warranty  
Item 3.14 - 5 Year Accidental Damage Warranty  
Item 4.12 - Speaker Bar to work with all monitor Configurations  
Item 5.01 - USB Wireless Keyboard & Mouse Combo  
Item 5.02 - Wireless Keyboard & Mouse Combo with Bluetooth and 128-bit AES encryption  
Item 5.04 - Mouse, USB, 2-button, Wireless  
Item 5.05 - Mouse, Bluetooth  
Item 5.06 - Keyboard, USB, Enhanced  
Item 5.07 - Keyboard, USB, Wireless  
Item 5.08 - Keyboard, Bluetooth  
Item 5.10 - Keyboard, Ergonomic, Wireless  
Item 5.12 - External Speakers



- Item 5.12 - External Speakers for All Desktop and Laptop Configurations
- Item 5.13 - Webcam for All Desktop and Laptop Configurations
- Item 5.15 - USB External Headset for Business for All Desktop and Laptop Configurations
- Item 6.01 - HDMI to HDMI Adapter
- Item 6.02 - DisplayPort to HDMI Adapter
- Item 6.03 - USB Gigabit Ethernet Dongle
- Item 6.04 - USB-C to USB-A 3.0 Adapter
- Item 6.05 - USB-C to Ethernet Adapter
- Item 6.06 - USB-C to HDMI 4.0 Adapter
- Item 6.07 - USB-C to DisplayPort Adapter
- Item 6.08 - HDMI Cable 3ft (M/M)
- Item 6.10 - DP to DP cable for All Desktop and Laptop Configurations
- Item 6.11 - DP to HDMI Cable
- Item 6.12 – USB-C to USB-C 100w cable for All Desktop and Laptop Configurations
- Item 6.14 - Mini-DisplayPort to DisplayPort Adapter
- Item 6.15 - Mini-DisplayPort to DisplayPort 6FT Cable

- 2025-06-09

Dell updated the following end-of-life laptop models:

Item 1.3 - Workstation 1 - Precision 3680 Tower 1 (Intel Processor Core i7 14th Gen 14700 (33 MB cache, 20 cores, 28 threads, 2.1GHz to 5.4 GHz, 65W) – Replaced with Dell Pro Max Tower T2.

Item 1.4 - Workstation 2- Precision 3680 Tower (Intel Processor, i9 14th Gen 14900K (36 MB cache, 24 cores, 32 threads, 3.2 GHz to 6.0 GHz, 125W) - Replaced with Dell Pro Max Tower T2
- 2025-06-23

HP has updated the part number and cost of the following items:

Item 2.26, Item 2.28, Item 3.07 – Nylon Carrying Case - Change the HP Pt# to 1X645AA, Item 3.09 – Laptop Backpack - Change the HP Pt# to 1X644AA.