

# Procurement Standards

## Table of Contents

- [Table of Contents](#)
- [Desktop Computers](#)
- [Laptop Computers](#)
- [Chromebooks](#)
- [Docking Stations](#)
- [Printers \(Black and White\)](#)
- [Printers \(Color\)](#)
- [Printers \(Multi-Function Devices\)](#)
- [Scanners](#)
- [Related articles](#)

## Desktop Computers

Description	Specifications
Apple iMac with Retina 4K display 21.5"	<b>CPU:</b> 3.6GHz Quad-core Intel Core i3 <b>RAM:</b> 8GB 2400MHz DDR4 <b>Storage Drive:</b> 512GB Flash Storage <b>Warranty:</b> 3-year AppleCare Protection Plan Auto-enroll <b>Accessories Included:</b> Apple Magic Mouse 2 & Apple Magic Keyboard
Apple iMac with Retina 5K display 27"	<b>CPU:</b> 3.0GHz 6-core Intel Core i7 <b>RAM:</b> 8GB 2666MHz DDR4 <b>Storage Drive:</b> 512GB Flash Storage <b>Warranty:</b> 3-year AppleCare Protection Plan Auto-enroll <b>Accessories Included:</b> Apple Magic Mouse & Apple Magic Keyboard
HP ProDesk 400 G5 SFF	<b>CPU:</b> Intel Core i5-8500 3.0 6C 65W <b>RAM:</b> 8GB (1x8GB) DDR4 2666 DIMM <b>Storage Drive:</b> 500GB Solid State Drive <b>Warranty:</b> 3-year <b>Accessories Included:</b> Keyboard and Mouse. <i>Monitor and Soundbar must be purchased separately.</i>

## Laptop Computers

Description	Specifications
Apple MacBook Pro 13" (Without TouchBar)	<b>CPU:</b> 2.3GHz Dual-core Intel Core i5 <b>RAM:</b> 8GB 2133MHz LPDDR3 <b>Storage Drive:</b> 512GB Flash Storage <b>Warranty:</b> 3-year AppleCare Protection Plan Auto-enroll <b>Included Accessories:</b> USB-C to Gigabit Ethernet Adapter, USB-C Digital AV Multiport Adapter <b>Optional Accessories:</b> Power Adapter Extension Cable, Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter, USB -C to USB Adapter
Apple MacBook Pro 15" (With TouchBar)	<b>CPU:</b> 2.2GHz 6-core Intel Core i7 <b>RAM:</b> 16GB 2400MHz LPDDR3 <b>Storage Drive:</b> 512GB Flash Storage <b>Warranty:</b> 3-year AppleCare Protection Plan Auto-enroll <b>Included Accessories:</b> USB-C to Gigabit Ethernet Adapter, USB-C Digital AV Multiport Adapter <b>Optional Accessories:</b> Power Adapter Extension Cable, Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter, USB -C to USB Adapter
Dell Latitude E7390 - 13"	<b>CPU:</b> Intel Core i5-8350U (Quad Core, 1.7GHz, 6MB cache) <b>RAM:</b> 8GB <b>Storage Drive:</b> 512GB M.2 SSD <b>Warranty:</b> 3-year Pro Support
Dell Latitude E7490 - 14"	<b>CPU:</b> Intel Core i5-8350U (Quad Core, 1.7GHz, 6MB cache) <b>RAM:</b> 8GB <b>Storage Drive:</b> 512GB M.2 SSD <b>Warranty:</b> 3-year Pro Support

Dell Latitude E5590 - 15"	<b>CPU:</b> Intel Core i5-8350U (Quad Core, 1.7GHz, 6MB cache) <b>RAM:</b> 8GB <b>Storage Drive:</b> 512GB M.2 SSD <b>Warranty:</b> 3-year Pro Support
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## Chromebooks

Description	Specifications
Chromebook 13 3380	<b>CPU:</b> Intel Celeron C3855 Processor <b>RAM:</b> 4GB <b>Storage Drive:</b> 32GB Solid State Drive <b>Warranty:</b> Limited Hardware - 1 year

## Docking Stations

Description	Specifications
Dell Business Dock - WD15 with 180W adapter	<b>USB 2.0 ports:</b> 2 <b>USB 3.0 ports:</b> 3 <b>USB Type C:</b> 1 <b>HDMI:</b> Yes (1) <b>Mini DisplayPort:</b> Yes (1) <b>VGA:</b> Yes (1) <b>Speaker output:</b> Yes <b>Ethernet:</b> Yes <b>SD Card Reader:</b> No <b>Physical Security:</b> Kensington Lock Slot
OWC 13 Port Thunderbolt 3 Dock ( <i>tentative - testing in progress</i> )	<b>USB 2.0 ports:</b> 0 <b>USB 3.0 ports:</b> 5 <b>USB Type C:</b> 2 (thunderbolt) <b>HDMI:</b> No <b>Mini DisplayPort:</b> Yes (1) <b>VGA:</b> No <b>Speaker output:</b> Yes <b>Ethernet:</b> Yes <b>SD Card Reader:</b> Yes <b>Physical Security:</b> None

## Printers (Black and White)

Description	Specifications
HP LaserJet Pro M402dne	<b>Monthly Page Volume:</b> 750 to 4,000 - <b>Pages Per Minute (ppm):</b> 40 <b>Connectivity:</b> Network & USB <b>Warranty:</b> 1-year
HP LaserJet Pro M605dn	<b>Monthly Page Volume:</b> 2,000 to 7,500 <b>Pages Per Minute (ppm):</b> 45 <b>Connectivity:</b> Network & USB <b>Warranty:</b> 1-year

## Printers (Color)

Description	Specifications
HP Color LaserJet Enterprise M452dn	<b>Monthly Page Volume:</b> 750 to 4,000 - <b>Pages Per Minute (ppm):</b> 28 <b>Connectivity:</b> Network & USB <b>Warranty:</b> 1-year

HP Color LaserJet Enterprise M553dn	<b>Monthly Page Volume:</b> 2,000 to 6,000 <b>Pages Per Minute (ppm):</b> 40 <b>Connectivity:</b> Network & USB <b>Warranty:</b> 1-year
HP Color LaserJet Enterprise M651dn	<b>Monthly Page Volume:</b> 2,000 to 17,000 <b>Pages Per Minute (ppm):</b> 45 <b>Connectivity:</b> Network & USB <b>Warranty:</b> 1-year

## Printers (Multi-Function Devices)

Description	Specifications
HP LaserJet Pro MFP M426fdn (Black and White)	<b>Monthly Page Volume:</b> 750 to 4,000 - <b>Pages Per Minute (ppm):</b> 40 <b>Connectivity:</b> Network & USB <b>Warranty:</b> 1-year
HP LaserJet Enterprise MFP M527dn (Black and White)	<b>Monthly Page Volume:</b> 2,000 to 7,500 <b>Pages Per Minute (ppm):</b> 45 <b>Connectivity:</b> Network & USB <b>Warranty:</b> 1-year
HP Color LaserJet Pro MFP M477fdn (Color)	<b>Monthly Page Volume:</b> 750 to 4,000 <b>Pages Per Minute (ppm):</b> 28 <b>Connectivity:</b> Network & USB <b>Warranty:</b> 1-year

## Scanners

Description	Specifications
HP ScanJet Pro 2500 f1 (Non Networked Scanner with Auto Document Feeder)	<b>Scanner Type:</b> Flatbed, ADF <b>Daily Duty Cycle:</b> 3,000 <b>Scanning Resolution:</b> Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed) <b>Scan Size:</b> 8.5 x 122 in <b>Connectivity:</b> USB <b>Warranty:</b> 1-year
HP ScanJet Pro 4500 fn1 (Networked Scanner with Auto Document Feeder)	<b>Scanner Type:</b> Flatbed, ADF <b>Daily Duty Cycle:</b> 4,000 <b>Scanning Resolution:</b> Up to 600 x 600 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed) <b>Scan Size:</b> 8.5 x 122 in <b>Connectivity:</b> Network & USB

Revision Date: 5/2/2018

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## Related articles

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- [Fredonia Minimum Security Standards: Applications](#)
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