DSP Hardware Purchasing Recommendations – FY 2016

The hardware listed in this document are the recommended make/model laptops and are supported by the Desktop Support Program (DSP). All machines come with a minimum of 3 years onsite accidental repair/replacement plan and can be supported for a minimum of 3 years past the purchase date. All listed prices are estimates. Current price quotes for devices listed below and/or custom-built machines can be requested by emailing it-help@cmu.edu or by calling 8-HELP. For custom-built machines, send your specifications or contact DSP to discuss options.

Laptops and Portable Machines:

Basic Range

• **Lenovo Model T450 - $1200**
  Processor: 4th Generation Intel Core i5-5300U, 2.9GHz
  Display: 14.0 inch (1,600 x 900 resolution)
  Memory: 8GB DDR3L-1600
  HDD: 500GB, 7200rpm

• **Dell Model Latitude E6440 - $1200**
  Processor: 4th Generation Intel Core i5-4310M, 2.7 GHz
  Display: 14.0 Inch (1366 x 768 resolution)
  Memory: 8GB DDR3L-1600
  HDD: 320GB, 7200rpm

• **Macbook Pro 13 inch - $1299**
  Processor: Intel Dual-Core i5, 2.7GHz
  Display: 14.0 Inch (1366 x 768 resolution)
  Memory: 8GB LPDDR3
  HDD: 128GB Solid State

Performance Range

• **Lenovo Model T450s - $1609**
  Processor: Intel Core i7-5600U, 3.2GHz
  Display: 14.0 inch (1,600 x 900 resolution)
  Memory: 12GB PC3-12800
  HDD: 256GB Solid State

• **Dell Model Latitude E7450 - $1611**
  Processor: 4th Generation Intel Core i7-5600U, 2.6 GHz
  Display: 14.0 Inch (1920 x 1080 resolution)
  Memory: 8GB DDR3L-1600
  HDD: 256GB Solid State
Macbook Pro 15 inch - $1999
- Processor: Intel Quad-Core i7, 3.4GHz
- Display: 15.0 Inch (1366 x 768 resolution)
- Memory: 16GB LPDDR3
- HDD: 256GB Solid State

Slim Range

- Lenovo X1 Carbon - $1909
  - Processor: Intel Core i7-5600U, 2.6GHz
  - Display: 14.0 (2560 x 1440 resolution)
  - Memory: 8GB DDR3L-1600
  - HDD: 256GB Solid State

- Dell Model XPS 13 - $1605
  - Processor: 4th Generation Intel Core i7-500U, 3.0 GHz
  - Display: 13.3 Inch (3200 x 1800 resolution) w/ Touch Display
  - Memory: 8GB DDR3L-1600
  - HDD: 256GB Solid State

- Macbook Air 13 inch - $1449
  - Processor: Intel Dual-Core i7, 2.2GHz
  - Display: 14.0 Inch (1366 x 768 resolution)
  - Memory: 8GB LPDDR3
  - HDD: 256GB Solid State

Ultra-Portable Tablet: (*4G LTE available)

- Lenovo Thinkpad 10 - $750
  - Processor: Intel Atom Z3795 2.4Ghz
  - Display: 10.1 (1920 X 1200 resolution) Touch Screen
  - Memory: 4GB DDR3
  - HDD: 128GB Solid State

- Microsoft Surface 3 - $599
  - Processor: 4th Generation Intel Atom Z8700, 1.6GHz
  - Display: 10.8 Inch (1920 X 1280 resolution) w/ Touch Display
  - Memory: 4GB DDR3L-1600
  - HDD: 128GB Solid State

- Microsoft Surface Pro 3 - $1399
  - Processor: 4th Generation Intel Core i7, 1.7GHz
  - Display: 12 Inch (2160 X 1440 resolution) w/ Touch Display
  - Memory: 8GB DDR3L-1600
  - HDD: 256GB Solid State
Desktops and Stationary Machines:
*All desktops come with a basic mouse and keyboard, monitor not included (unless specified)*

Basic Range

- **Dell Optiplex 7020 - $949**
  - Processor: 4th Generation Intel Quad-Core i5, 3.3GHz
  - Display: N/A
  - Memory: 8GB DDR3L-1600
  - HDD: 500GB Serial ATA 7200RPM

- **21.5 inch iMac - $1299**
  - Processor: 4th Generation Intel Quad-Core i5, 2.7GHz
  - Display: 21.5 Inch (1920 X 1080 resolution)
  - Memory: 8GB DDR3L-1600
  - HDD: 1TB Serial ATA 7200RPM

- **Mac Mini - $899**
  - Processor: 4th Generation Intel Dual-Core i5, 2.6GHz
  - Display: N/A
  - Memory: 8GB DDR3L-1600
  - HDD: 256GB Solid State

Performance Range

- **Dell Optiplex 9020 - $1235**
  - Processor: 4th Generation Intel Quad-Core i7, 3.6GHz
  - Display: N/A
  - Memory: 16GB DDR3L-1600
  - HDD: 256GB Solid State

- **27 inch iMac - $2199**
  - Processor: 4th Generation Intel Quad-Core i5, 3.3GHz w/ Turbo Boost 3.7Ghz
  - Display: 27 Inch (5120 X 2880 resolution)
  - Memory: 16GB DDR3L-1600
  - HDD: 1TB Serial ATA 7200RPM
Accessories

Laptops:

- **Dell Port Replicator** - $219  
  For supported Dell laptops.

- **Lenovo Ultra Dock** - $269  
  For supported Lenovo laptops.

- **Lenovo OneLink Dock (For X1 Carbon)** - $119  
  Designed for the Lenovo X1 Carbon.

Other:

- **Dell 24” Monitor** - $219  
  Display: (1920 X 1080 resolution)  
  Inputs: DVI-D, VGA  
  Tilt

- **Dell 24” Ultrasharp Monitor** - $269  
  Display: (1920 X 1080 resolution)  
  Inputs: HDMI, DisplayPort, Mini DisplayPort  
  Height, Pivot, Tilt and Swivel stand

- **Dell 24” Ultrasharp Monitor** - $369  
  Display: (1920 X 1200 resolution)  
  Inputs: DVI-D, VGA, DisplayPort  
  Height, Pivot, Tilt and Swivel stand

The campus computer store carries a wide variety of keyboards, mice, and other miscellaneous products for your computing needs. These items can be purchased directly through them or ask us to add them to your order. For more information, visit the Campus Computer Store at [http://www.cmu.edu/stores/computer/](http://www.cmu.edu/stores/computer/).