

# CAS Equipment Purchase Recommendations

These prices and configurations are current as of June 2, 2016.



<b>Name</b>	2016 HP Desktop (Standard)
<b>Manufacturer</b>	HP
<b>Model</b>	HP EliteDesk 705 G2 Small Form Factor
<b>SKU / Part #</b>	V8X86UP#ABA
<b>Price</b>	\$584.41
<b>Form Factor</b>	Desktop (Small Form Factor)
<b>Description</b>	The 2016 HP Desktop (Standard) is deal for regular to heavy use. Suitable for standard office tasks such as desktop applications (e.g., Microsoft Office) and web-based applications (e.g., Google Apps, Porches, Banner, Raiser's Edge).
<b>Processor</b>	AMD PRO A10 -8850B 3.9G 4M 95W SFF APU
<b>Memory</b>	4GB(1x4GB) DDR3L-1600 DIMM RAM, expandable up to 32GB.
<b>Graphics</b>	AMD Radeon R7
<b>Display</b>	Sold separately
<b>Webcam</b>	Sold separately
<b>Storage</b>	256GB SATA 2.5 TLC SSD
<b>Optical Drive</b>	Internal HP SuperMulti DVD-RW
<b>Networking (Wired)</b>	10/100/1000BASE-T Ethernet
<b>Networking (WiFi)</b>	None
<b>Keyboard</b>	HP USB Standard Keyboard

<b>Mouse</b>	HP USB Laser Mouse
<b>Fingerprint Reader</b>	None
<b>Battery</b>	None
<b>Power Adapter</b>	None
<b>Warranty</b>	3 years
<b>Operating System</b>	Windows 10 Enterprise (64-bit)
<b>Dimensions</b>	4"h x 13.3"w x 14.9"d
<b>Weight</b>	14.6 pounds
<b>Ports</b>	(4) USB 3.0 (2 front, 2 rear); (6) USB 2.0 (2 front, 4 rear); (1) Serial; (2) PS/2 (keyboard, mouse); (1) VGA; (2) DisplayPort; (1) RJ45 LAN; (4) 3.5mm audio (line in, line out, headphone, microphone)



<b>Name</b>	2016 Apple Desktop (Standard)
<b>Manufacturer</b>	Apple
<b>Model</b>	Mac Mini (MGEM2LL/A)
<b>SKU / Part #</b>	Z0R7
<b>Price</b>	\$986.00
<b>Form Factor</b>	Desktop
<b>Description</b>	Apple Desktop (Standard) is a custom configuration of Apple's Mac Mini. This configuration is suitable for typical office tasks such as email, word processing, and web browsing.
<b>Processor</b>	2.6GHz Intel Dual-Core Core i5
<b>Memory</b>	8GB 1600MHz DDR3 SDRAM - 2x4GB
<b>Graphics</b>	Intel Iris Graphics
<b>Display</b>	Sold separately
<b>Webcam</b>	Sold separately

<b>Storage</b>	256 GB Flash Storage
<b>Optical Drive</b>	None
<b>Networking (Wired)</b>	10/100/1000BASE-T Ethernet
<b>Networking (WiFi)</b>	802.11ac Wi-Fi; IEEE 802.11a/g/b/n compatible
<b>Keyboard</b>	Apple Keyboard with numeric keypad - US (MB110LL/B)
<b>Mouse</b>	Apple Mouse (MB112LL/B)
<b>Fingerprint Reader</b>	None
<b>Battery</b>	None
<b>Power Adapter</b>	None
<b>Warranty</b>	1 year
<b>Operating System</b>	OS X 10.11 "El Capitan"
<b>Dimensions</b>	1.4 inches (H) x 7.7 inches (W) x 7.7 inches (D)
<b>Weight</b>	2.6 pounds
<b>Ports</b>	Two Thunderbolt 2 ports (up to 20 Gbps); Four USB 3 ports (up to 5 Gbps); HDMI port; SDXC card slot; Gigabit Ethernet port; Audio in port; Headphone port; IR receiver
<b>Other</b>	Also includes HDMI-to-DVI Adapter (MJVU2AM/A), Bluetooth 4.0 wireless technology



<b>Name</b>	2016 HP Notebook (Standard)
<b>Manufacturer</b>	HP
<b>Model</b>	EliteBook 840 G3
<b>SKU / Part #</b>	W4D03US#ABA
<b>Price</b>	\$917.17
<b>Form Factor</b>	Notebook

<b>Description</b>	The "2016 HP Notebook (Standard)" is suitable for mobile users in support of standard office tasks such as desktop applications (e.g., Microsoft Office) and web-based applications (e.g., Google Apps, Porches, Banner, Raiser's Edge). Includes a 14" Full HD screen and weighs only 3.5 lbs.
<b>Processor</b>	2.3GHz Dual-core Intel Core i5-6200U
<b>Memory</b>	4GB (1x4GB) 2133 DDR4 840
<b>Graphics</b>	Integrated Intel HD Graphics 520
<b>Display</b>	14" LED FHD 1920x1080
<b>Webcam</b>	WEBCAM Integrated 720p HD 840
<b>Storage</b>	256GB M2 SATA-3 TLC SSD 840
<b>Optical Drive</b>	None
<b>Networking (Wired)</b>	10/100/1000BASE-T Ethernet
<b>Networking (WiFi)</b>	Intel 3165 ac 1x1 +BT 4.0 LE MOW 840+ Bluetooth 4.0
<b>Keyboard</b>	101-key HP spill-resistant keyboard
<b>Mouse</b>	Touchpad
<b>Fingerprint Reader</b>	None
<b>Battery</b>	HP 3-Cell (46Whr) Polymer/Prismatic Long life Battery
<b>Power Adapter</b>	65 Watt Smart nPFC AC Adapter 840
<b>Warranty</b>	1 year
<b>Operating System</b>	Windows 10 Enterprise (64-bit)
<b>Dimensions</b>	0.8"h x 13.4"w x 9.3"d
<b>Weight</b>	3.5 pounds
<b>Ports</b>	(4) USB 3.0 (one charging); (1) USB-C; (1) displayPort; (1) VGA; (1) RJ45 LAN; (1) Docking connector; (1) 3.5mm audio (in/out combo); (1) Secondary battery connector
<b>Other</b>	Also includes (1) Smart card reader (supports optional SD, SDHC, SDXC media), compatible with 2013 UltraSlim Docking Station



<b>Name</b>	2016 HP Notebook (Power)
<b>Manufacturer</b>	HP
<b>Model</b>	HP ZBook 15u G3
<b>SKU / Part #</b>	W4D02US#ABA
<b>Price</b>	\$1,118.38
<b>Form Factor</b>	Portable Workstation
<b>Description</b>	The “2016 HP Notebook (Power)” is suitable for mobile users in support of standard office tasks such as desktop applications (e.g., Microsoft Office) and web-based applications (e.g., Google Apps, porches, Banner, Raiser's Edge). Also capable of supporting more robust applications (e.g. 3D software such as AutoCAD and ArcGIS). Includes a 15.6” Full HD screen and weighs 4.2 lbs.
<b>Processor</b>	2.3GHz Dual-core Intel Core i5-6200U
<b>Memory</b>	8GB (1x8GB) 2133 DDR4
<b>Graphics</b>	AMD FirePro W4190M with 2 GB dedicated GDDR5 video memory
<b>Display</b>	15.6" LED-backlit FHD anti-glare SVA slim(1920 x 1080)
<b>Webcam</b>	720p HD camera
<b>Storage</b>	256GB Z Turbo Drive PCIe SSD
<b>Optical Drive</b>	None
<b>Networking (Wired)</b>	10/100/1000BASE-T Ethernet
<b>Networking (WiFi)</b>	Intel 8260 ac 2x2 NV +BT 4.2 LE MOW 15u
<b>Keyboard</b>	101-key HP spill-resistant keyboard
<b>Mouse</b>	Touchpad
<b>Fingerprint Reader</b>	None
<b>Battery</b>	3 Cell 46 WHr Long Life
<b>Power Adapter</b>	65 Watt Smart nPFC AC Adapter

<b>Warranty</b>	3 years
<b>Operating System</b>	Windows 10 Enterprise (64-bit)
<b>Dimensions</b>	0.8"h x 15.1"w x 10.1"d
<b>Weight</b>	4.2 pounds
<b>Ports</b>	(2) USB 3.0 (one charging); (1) USB-C; (1) DisplayPort; (1) HDDB15 VGA; (1) RJ45 LAN; (1) Docking connector; (1) 3.5mm audio (in/out combo); (1) AC power
<b>Other</b>	Also includes (1) Secure Digital; (1) Smart Card reader compatible with 2013 UltraSlim Docking Station



<b>Name</b>	2016 HP Tablet
<b>Manufacturer</b>	HP
<b>Model</b>	HP Elite x2 1012 G1
<b>SKU / Part #</b>	V5J72UT#ABA
<b>Price</b>	\$1,075.61
<b>Form Factor</b>	Hybrid Tablet/Notebook
<b>Description</b>	<p><b>The 2016 HP Tablet is a new model this year and is intended at this time only for early adopters who are comfortable working with CAS IT as we begin limited support of tablets in the College. This tablet will be treated as a primary device and cannot be purchased in addition to another notebook or desktop computer.</b> The “2016 HP Tablet” is a hybrid tablet/notebook that is similar in form factor and functionality to the Microsoft Surface Pro. It is a Windows tablet can also be used like a notebook by attaching its detachable keyboard. Please be aware that because this is a tablet with a detachable keyboard, it can be difficult to use as a notebook on certain surfaces such as on your lap. This HP tablet runs the full version of Windows 10 so it can run your existing Windows software. Suitable for mobile users in support of standard office tasks such as typical desktop applications (e.g., Microsoft Office) and web-based applications (e.g., Google Apps, Porches, Banner, Raiser's Edge). Includes a 12” 1920x1280 HD touchscreen, VGA adapter, detachable keyboard, and stylus. Weighs only 2.7 lbs. (lighter than the Mac</p>

	Book Air 13").
<b>Processor</b>	0.9GHz Intel Core m5 6Y30 (Turbo Boost to 2.20 GHz)
<b>Memory</b>	4GB 1866MHz LPDDR3 SDRAM
<b>Graphics</b>	Intel HD Graphics 515
<b>Display</b>	12"LED-backlit, Touch screen (1920 x 1280)
<b>Webcam (Front)</b>	2 MP 1920x1080 resolution (1080p) and up to 30 fps
<b>Webcam (Rear)</b>	5 MP 1920x1080 resolution (1080p) and up to 30 fps
<b>Storage</b>	128 GB SSD
<b>Optical Drive</b>	None
<b>Networking (Wired)</b>	10/100/1000BASE-T Ethernet
<b>Networking (WiFi)</b>	Bluetooth 4.2, IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
<b>Keyboard</b>	Full size 81/82-key island-style backlit keyboard with full row of function keys and LED indicators
<b>Mouse</b>	ClickPad™ (91 x 51 mm) with image sensor, multi-touch gestures enabled, on/off function and LED indicator; Gestures enabled by default - 2 Finger Scrolling, 2 Finger Zoom (Pinch)
<b>Stylus</b>	Wacom pen and digitizer
<b>Fingerprint Reader</b>	None
<b>Battery</b>	4-cell Li-Ion polymer battery pack with 40WHr capacity
<b>Power Adapter</b>	45W Smart USB Type C AC adapter
<b>Warranty</b>	1 year
<b>Operating System</b>	Windows 10 Enterprise (64-bit)
<b>Dimensions</b>	0.3"h x 11.8"w x 8.4"d
<b>Weight</b>	2.7 pounds
<b>Ports</b>	(1) USB Type C (supports Thunderbolt, docking, charging and USB 3.1); (1) USB 3.0 Type A; (1) 3.5mm headphone.microphone combo
<b>Other</b>	Also includes (1) Micro SD (supports optional Sd, SDHC, SDXC media). Includes USB C-to-VGA adapter.



<b>Name</b>	2016 Apple Notebook (Standard)
<b>Manufacturer</b>	Apple
<b>Model</b>	Mac Book Pro 13.3" (MD101LL/A)
<b>SKU / Part #</b>	Z0MT
<b>Price</b>	\$1,118.00
<b>Form Factor</b>	Notebook
<b>Description</b>	Apple Notebook (Standard) is a custom configuration of Apple's MacBook Pro 13-inch (Non-Retina). This configuration is suitable for typical office tasks such as email, word processing, and web browsing.
<b>Processor</b>	2.5GHz Dual-core Intel Core i5
<b>Memory</b>	8GB 1600MHz DDR3 SDRAM - 2x4GB
<b>Graphics</b>	Intel HD Graphics 4000
<b>Display</b>	13.3-inch LED-backlit glossy widescreen display (1280 by 800)
<b>Webcam</b>	720p FaceTime HD camera
<b>Storage</b>	500GB Serial ATA Drive @ 5400 rpm
<b>Optical Drive</b>	Internal SuperDrive 8x (DVD±R DL/DVD±RW/CD-RW)
<b>Networking (Wired)</b>	10/100/1000BASE-T Ethernet
<b>Networking (WiFi)</b>	802.11n Wi-Fi (802.11a/b/g compatible)
<b>Keyboard</b>	Backlit Keyboard (English)
<b>Mouse</b>	Multi-Touch trackpad
<b>Fingerprint Reader</b>	None
<b>Battery</b>	Built-in 63.5-watt-hour lithium-polymer battery
<b>Power Adapter</b>	60W MagSafe Power Adapter
<b>Warranty</b>	1 year
<b>Operating System</b>	OS X 10.11 "El Capitan"



<b>Dimensions</b>	0.95 inch (H) x 12.78 inches (W) x 8.94 inches (D)
<b>Weight</b>	4.5 pounds
<b>Ports</b>	FireWire 800 port (up to 800 Mbps), Two USB 3 ports (up to 5 Gbps), Thunderbolt port (up to 10 Gbps), Headphone port, SDXC card slot, Kensington lock slot
<b>Other</b>	Also includes Mini DisplayPort-to-VGA Adapter, Stereo speakers with subwoofer, Omnidirectional microphone, Bluetooth 4.0 wireless technology



<b>Name</b>	2016 Apple Notebook (Power)
<b>Manufacturer</b>	Apple
<b>Model</b>	Mac Book Pro 13.3" with Retina Display (MF839LL/A)
<b>SKU / Part #</b>	Z0QN
<b>Price</b>	\$1,457.00
<b>Form Factor</b>	Notebook
<b>Description</b>	The 2016 Apple Notebook (Power) is a custom configuration of Apple's MacBook Pro 13-inch (Retina). In addition to typical office tasks such as email, word processing, and web browsing, this configuration is suitable for those who regularly work with very large PhotoShop files.
<b>Processor</b>	2.7GHz Dual-core Intel Core i5
<b>Memory</b>	8GB 1866MHz LPDDR3 SDRAM
<b>Graphics</b>	Intel Iris Graphics 6100
<b>Display</b>	13.3-inch Retina IPS LED-backlit display (2560 by 1600)
<b>Webcam</b>	720p FaceTime HD camera
<b>Storage</b>	256GB PCIe-based Flash Storage
<b>Optical Drive</b>	None
<b>Networking (Wired)</b>	Apple Thunderbolt to Gigabit Ethernet Adapter
<b>Networking (WiFi)</b>	802.11n Wi-Fi (802.11a/b/g compatible)

<b>Keyboard</b>	Backlit Keyboard (English)
<b>Mouse</b>	Multi-Touch trackpad
<b>Fingerprint Reader</b>	None
<b>Battery</b>	Built-in 71.8-watt-hour lithium-polymer battery
<b>Power Adapter</b>	60W MagSafe 2 Power Adapter
<b>Warranty</b>	1 year
<b>Operating System</b>	OS X 10.11 "El Capitan"
<b>Dimensions</b>	0.71 inch (H) x 12.35 inches (W) x 8.62 inches (D)
<b>Weight</b>	3.5 pounds
<b>Ports</b>	Two Thunderbolt 2 ports (up to 20 Gbps), Two USB 3 ports (up to 5 Gbps), HDMI port, Headphone port
<b>Other</b>	Also includes Mini DisplayPort-to-VGA Adapter, Stereo speakers, Dual microphones, Bluetooth 4.0 wireless technology



<b>Name</b>	2016 HP Docking Station (Standard)
<b>Manufacturer</b>	HP
<b>Model</b>	HP 2013 UltraSlim Dock
<b>SKU / Part #</b>	D9Y32UT#ABA
<b>Price</b>	\$150.00
<b>Description</b>	This dock will work with all 2014/2015/2016 HP Notebooks (Power) and (Standard) and the 2013 HP Notebook (Ultrabook). This dock does <b>NOT</b> work with the HP Tablet.
<b>Dimensions</b>	1.7" (H) x 14.5" (W) x 4.2"(D)
<b>Weight</b>	1.70 lbs
<b>Warranty</b>	1 year
<b>Ports</b>	(4) USB 3.0 (one powered), (1) DisplayPort, (1) HDDB15 VGA, (1) RJ-45 LAN, (2) 3.5mm audio (in, out), (1) Power in



<b>Name</b>	2016 HP Docking Station (Tablet)
<b>Manufacturer</b>	HP
<b>Model</b>	HP Elite Thunderbolt 3 Dock
<b>SKU / Part #</b>	P5Q54UT#ABA
<b>Price</b>	\$185.00
<b>Description</b>	This dock will work with the 2016 HP Tablet.
<b>Dimensions</b>	0.7" (H) x 9.1" (W) x 2.2"(D)
<b>Weight</b>	0.50 lbs
<b>Warranty</b>	1 year
<b>Ports</b>	(4) USB 3.0 (one charging), (1) Thunderbolt 3, (2) DisplayPort, (1) VGA, (1) RJ-45 LAN, (1) 3.5mm audio combo, (1) Thunderbolt power, (1) Integrated cable lock slot



<b>Name</b>	2016 Notebook Case (13/14" Notebooks)
<b>Manufacturer</b>	Targus
<b>Model</b>	Targus 14" Laptop Skin with Handle
<b>SKU / Part #</b>	TSS534US
<b>Price</b>	\$25
<b>Description</b>	This can be used with the "2016 HP Notebook (Standard)", "2016 HP Tablet", "2016 Apple Notebook (Standard)", and "2016 Apple Notebook (Power)"
<b>Dimensions</b>	10.5" (H) x 1.5" (W) x 14.4" (D)

<b>Weight</b>	11.7 oz
<b>Warranty</b>	Limited Lifetime



<b>Name</b>	2016 Notebook Case (15" Notebooks)
<b>Manufacturer</b>	Targus
<b>Model</b>	Targus Messenger Notebook Case
<b>SKU / Part #</b>	TCM004US
<b>Price</b>	\$20
<b>Description</b>	This can be used with the "2016 HP Notebook (Power)".
<b>Dimensions</b>	16.25" x 3.5" x 14.25"
<b>Weight</b>	1.5 lbs
<b>Warranty</b>	Limited Lifetime



<b>Name</b>	2016 HP 22-inch LCD monitor
<b>Manufacturer</b>	HP
<b>Model</b>	HP 21.5" V222 Full HD LED-LCD Monitor

<b>SKU / Part #</b>	M1T37A8#ABA
<b>Price</b>	\$100.00
<b>Description</b>	The HP 21.5" V222 Full HD LED-LCD Monitor is compatible with the HP and Apple computers offered.
<b>Screen Size</b>	21.5 inches
<b>Resolution</b>	Full HD (1920 x 1080)
<b>Webcam</b>	None
<b>Dimensions</b>	15.3 inches (H) x 20 inches (W) x 8.1 inches (D)
<b>Weight</b>	7.3 lb
<b>Ports</b>	(1) HDDB15 VGA, (1) DVI-D, (1) Power in
<b>Warranty</b>	3 years
<b>Operating System</b>	Compatible with Windows, OS X
<b>Other</b>	



<b>Name</b>	2016 HP Personal LaserJet (Standard)
<b>Manufacturer</b>	HP
<b>Model</b>	HP LaserJet Pro M402dn Printer
<b>SKU / Part #</b>	C5F94A#BGJ
<b>Price</b>	\$260.00
<b>Description</b>	Please be aware that the University of Dayton is discouraging the use of personal printers due to the high cost / page; our recommendation is that faculty and staff print to their department's network printer(s) instead. The HP LaserJet Pro M402dn includes 128 MB of RAM and is compatible with

	Windows and Macs.
<b>Monochrome/Color</b>	Monochrome
<b>Resolution</b>	4800 dpi x 600 dpi
<b>Memory</b>	128 MB
<b>Dimensions</b>	9.5"h x 15"w x 25"d
<b>Weight</b>	18.9 lbs
<b>Warranty</b>	1 year
<b>Operating System</b>	Windows and OS X
<b>Other</b>	NOTE: Though this model of laser printer includes a network print server for optional use as a network printer, THIS MODEL OF LASER PRINTER WILL NOT WORK ON THE UNIVERSITY OF DAYTON NETWORK!



<b>Name</b>	2016 HP Personal LaserJet (Color)
<b>Manufacturer</b>	HP
<b>Model</b>	HP Color LaserJet Pro M452dn Printer
<b>SKU / Part #</b>	CF389A#BGJ
<b>Price</b>	\$262.00
<b>Description</b>	Please be aware that the University of Dayton discourages the use of personal printers due to the high cost / page, ESPECIALLY personal color printers; our recommendation is that faculty and staff print to their department's network printer(s) instead. The HP Color LaserJet Pro M452dn includes 128 MB of RAM and is compatible with Windows PCs and Macs.
<b>Monochrome/Color</b>	Color
<b>Resolution</b>	38,400 dpi x 600 dpi
<b>Memory</b>	128 MB

<b>Dimensions</b>	13.4"h x 16.2"w x 25.6"d
<b>Weight</b>	41.70 lbs
<b>Warranty</b>	1 year
<b>Operating System</b>	Windows and OS X
<b>Other</b>	NOTE: Though this model of laser printer includes a network print server for optional use as a network printer, THIS MODEL OF LASER PRINTER WILL NOT WORK ON THE UNIVERSITY OF DAYTON NETWORK!



<b>Name</b>	External USB Hard Disk Drive
<b>Manufacturer</b>	Western Digital
<b>Model</b>	WD 1TB My Passport Ultra USB 3.0 Portable Hard Drive - Black
<b>SKU / Part #</b>	WDBGPU0010BBK-NESN
<b>Price</b>	\$70.00
<b>Description</b>	The 1TB My Passport Ultra USB 3.0 Portable Hard Drive delivers USB 3.0 performance and high capacity in a sleek design. A 3-year limited warranty and soft pouch protect your drive making it an ideal companion for anyone who needs to take their digital content on the road.
<b>Connector Type</b>	USB Type B (USB 3.0)
<b>Data Transfer Rate</b>	5 Gbps
<b>Storage</b>	1 TB
<b>Dimensions</b>	0.6 inches (H) x 3.2 inches (W) x 4.35 inches (D)
<b>Weight</b>	0.30 lbs
<b>Warranty</b>	3 years
<b>Operating System</b>	Windows and OS X
<b>Other</b>	Includes Drive, USB cable, soft pouch, software, documentation. Does not require external power.