

Minimum Specifications	Mac Desktop - Upgrade I
<b>CPU:</b>	3.7GHz quad-core with 10MB of L3 cache
<b>Optional CPU Upgrade 1:</b>	3.5GHz 6-core with 12MB of L3 cache
<b>Optional CPU Upgrade 2:</b>	3.0GHz 8-core with 25MB of L3 cache
<b>Operating System:</b>	OS X El Capitan (OS 10.11.x)
<b>RAM:</b>	8GB Memory 1866MHz LPDDR3 SDRAM
<b>Optional RAM Upgrade:</b>	16GB Memory 1866MHz LPDDR3 SDRAM
<b>Internal Storage:</b>	32GB (4x8GB) of 1866MHz DDR3 ECC
<b>Optional Internal Storage Upgrade 1:</b>	256GB PCIe-based flash storage
<b>Optional Internal Storage Upgrade 2:</b>	512GB PCIe-based Flash Storage
<b>Graphics:</b>	1TB PCIe-based flash storage
<b>Graphics Upgrade 1:</b>	Dual AMD FirePro D300 GPUs with 2GB of GDDR5 VRAM each
<b>Display Size:</b>	Dual AMD FirePro D500 GPUs with 3GB of GDDR5 VRAM each
<b>Display Resolution:</b>	Not Applicable
<b>Sound:</b>	Not Applicable
<b>Speakers:</b>	OEM Standard
<b>Optical Drive:</b>	OEM Standard
<b>Keyboard:</b>	None
<b>Mouse:</b>	USB Keyboard with Numeric Keypad / Magic Keyboard
<b>Webcam:</b>	Apple Mouse / Magic Mouse 2 / Magic Trackpad 2
<b>Microphone:</b>	Not Applicable
<b>Bluetooth:</b>	Not Applicable
<b>Smart Card Reader:</b>	Bluetooth 4.0 Integrated
<b>Network Interface:</b>	None
<b>Ports:</b>	802.11ac Wi-Fi / Dual Gigabit Ethernet
<b>Expansion Slots:</b>	Four (4) USB 3.0 (or C) Ports / Six (6) Thunderbolt 2 Port / One (1) HDMI 1.4 Port
<b>Delivery Time:</b>	Not Applicable
<b>Weight (includes battery):</b>	30 Days
<b>Optional Docking Station:</b>	Not Applicable
<b>Platform Integrity:</b>	None
<b>EPEAT:</b>	Not Applicable
<b>Energy Star:</b>	No
<b>TAA Compliant:</b>	No
<b>508 Compliant:</b>	?
<b>Warranty:</b>	Not Applicable

<b>Optional Software Bundle:</b>	? (Comes with 1 year from Apple, but doesn't NIH have a 5 year coverage on all NIH owned Apple products by default, provided by Apple Care?)
<b>Optional External Monitor:</b>	Not Applicable
<b>Optional Accessory - Display Adapters</b>	Apple Thunderbolt Display (27-inch)
<b>Optional Accessory - Display Cables</b>	Mini DisplayPort-to-VGA Adapter / Mini DisplayPort-to-DVI Adapter / HDMI-to-VGA Adapter / HDMI-to-DVI Adapter
<b>Optional imaging - pre-supplied</b>	Mini DisplayPort-to-DisplayPort Cable ≥ 3-feet
<b>Optional imaging - image provided with order</b>	Ship with customer previously supplied image
<b>Optional speakers</b>	Ship with customer supplied image
<b>Optional Optical drive</b>	External Stereo speakers w/o Sub-woofer
	External DVD RW(No Blu-Ray)