

Recommended Hardware – Starting April 2017

The following desktop hardware baselines apply to faculty/staff computers due for replacement in this cycle and will be supported by IITS for a minimum of four years.

Windows Systems Baselines

	Performance Desktop <i>Lenovo M910z or equivalent</i>	Laptop <i>Lenovo T470s or equivalent</i>
Approvals	Standard issue for office deployments	Faculty or Administrative Director level certification of academic or business need required.
Departmental Cost	Departments are responsible for the difference in cost between the baseline budget (allocated by position) for this replacement cycle and the cost of any advanced or special configurations on desktops, any laptop configurations and any accessories.	
Operating System	Microsoft Windows 10 Enterprise 64-bit (college owned computers) Microsoft Windows 7 or 10 (students or personally owned computers)	
Additional Storage	SD Media card reader optional	
Audio System	Integrated ¹	
Battery	NA	10 hour life
Camera	All-in-one model only	Integrated
Form Factor	All-in-one	Laptop
Hard Disk ²	500 GB SATA-3 or 256GB Solid State	512 GB SSD
Memory³	16 GB	
Monitor Size	23" Widescreen	14" to 15" Widescreen
Optical Media	DVD +/- R/RW optional	
Planned Life Cycle⁴	4 years	
Processor⁵	Intel Core i7	
Sustainability	EPEAT Silver or better	
Video System	Integrated	
Warranty	Three years onsite	Three years onsite Accidental damage coverage if available
Weight	N/A	3 lbs
Wired Networking	Gigabit Ethernet built in or via adapter	
Wireless Connectivity	Bluetooth Wireless N	Bluetooth Wireless N
Recommended Accessories	None	Docking Station 22" external monitor Keyboard/ Mouse Additional power adapter

¹ Discrete audio subsystems are supported with demonstrated academic or business need.

² 320GB minimum is strongly recommended, however may not be cost effective when choosing solid state drives.

³ Additional memory is supported up to the limits of the operating system and hardware.

⁴ Life cycle is intended as a guide. Longer or shorter term cycles may be used given demonstrated academic or business need.

⁵ For purposes of this specification period any clock speed for the class of processor stated is acceptable.

Apple Systems Baselines

	Performance Desktop <i>27" iMac (w/ Retina)</i>	Laptop (Occasional Travel) <i>13 or 15" MacBook Pro (w/ Retina)</i>	Laptop (Frequent Travel) <i>13" MacBook Air</i>
Approvals	Faculty or Administrative Director level certification of academic or business need required.		
Departmental Cost	Departments are responsible for the difference in cost between the baseline budget (allocated by position) for this replacement cycle and the cost of any advanced or special configurations on desktops, any laptop configurations and any accessories.		
Operating System	Apple OS X 10.11 (El Capitan)		
Additional Storage	Media card reader integrated (optional, when possible)		
Audio System	Integrated		
Battery	NA	Integrated	
Camera	Integrated		
Hard Disk ⁶	SATA 1000GB 7200RPM	SATA 500 GB 7200RPM	256-512 GB Flash Storage
Memory ⁷	16 GB		8 GB
Monitor Size	21.5" Widescreen	15" Widescreen	13" Widescreen
Optical Media	N/A		
Planned Life Cycle ⁸	4 years		
Processor ⁹	Intel Core i7 (any speed)		Intel Core i7 (any speed) Apple A5 Processor
Sustainability Standard	EPEAT Silver or better		
Warranty ¹⁰	AppleCare 1 year coverage (note: Accidental Damage Protection is not available)		
Weight	N/A	3.5 lbs	3 lbs
Wired Networking	Gigabit Ethernet	USB Ethernet 10/100 Adapter	
Wireless Connectivity	Bluetooth Wireless N		
Recommended Accessories ¹¹	Wired full size keyboard External SuperDrive	VGA Adapter 22" external monitor Keyboard/Mouse Additional power adapter External SuperDrive	

⁶ Solid state hard drives are early in their broad deployment. The significantly higher cost far outweighs limited performance benefit.

⁷ Additional memory is supported up to the limits of the operating system and hardware.

⁸ Life cycle is intended as a guide. Longer or shorter term cycles may be used given demonstrated academic or business need.

⁹ Any clock speed for the Core i7 is acceptable.

¹⁰ IITS can provide on-site service for some Apple products.

¹¹ The fully outfitted MacBook Pro and Air with external monitor and all recommended accessories far exceeds the cost allocation for any position. Ordering these recommended accessories will likely result in additional charge to your department.