

LAITS Computer Standards and Recommendations

LAITS Standard Recommendations

					
Model	Apple MacBook Pro 13"	Apple MacBook Pro 15"	Apple iMac 27"	Dell Latitude 7490 14"	Dell Optiplex 7060 with 24" Dell U2417H
Operating System	OS X Sierra 10.12	OS X Sierra 10.12	OS X Sierra 10.12	Windows 10	Windows 10
Specs	2.5GHz Intel Dual-Core i5 16GB memory 256GB SSD Intel Iris Pro Graphics 13" display (2880x1800) non-touchbar 9 hour battery life	2.2GHz Intel 6-Core i7 16GB memory 256GB SSD Radeon Pro 555X 15" display (2880x1800) 8 hour battery life	3.4 GHz Intel Core i5 16GB memory 256GB SSD Radeon Pro 570 27" display (5120x2880) Apple Magic Keyboard Apple Magic Mouse 2	1.9GHz Intel Quad Core i7 16GB memory (1x16GB) 256GB Class 40 SSD Intel® UHD Graphics 620 14" display (1920x1080) SLP Panel, HD Camera/ Mic, Non-Touch Intel Dual Band Wireless + Bluetooth 11 hour battery life	3.4GHz Intel Core i7 16GB memory (1x16GB) 256GB Class 40 SSD Intel Integrated Graphics 24" display (1920x1080) DVD-RW optical drive Dell wired keyboard Dell wired mouse
Weight	3 pounds	4.5 pounds		3 pounds	
Warranty	1 year standard 3 yr AppleCare, add \$199	1 year standard 3 yr AppleCare, add \$239	1 year standard 3 year Applecare, add \$119	3 year ProSupport Plus	3 year ProSupport Plus
Cost	\$1,629	\$2,249	\$1,969.00	\$1,464.67	\$1,214.52 Optiplex 7060 - \$1012.52 P2419H Display - \$202.00



Budget Recommendations

				
Model	Apple MacBook Air 13"	Apple iMac 21.5"	Dell Latitude 5490 14"	Dell Optiplex 5050 with 24" Dell P2417H
Operating System	OS X Sierra 10.12	OS X Sierra 10.12	Windows 10	Windows 10
Specs	1.6GHz Intel Core i5 8GB memory 256GB SSD Intel HD Graphics 6000 13.3" display (1440x900) 12 hour battery life	2.8GHz Intel Core i5 8GB memory 256GB SSD Intel HD Graphics 6000 21.5" LED backlit screen (1920x1080) Apple wired keyboard Apple wired mouse	2.6GHz Intel Core i5 16GB memory 256GB Class 20 SSD Intel UHD 620 Graphics 14" display (1366x768) Camera & Microphone/Non-Touch	3.5GHz Intel Core i5 8GB memory (1x8GB) 256GB Class 20 PCIe SSD Intel Integrated Graphics 24" display (1920x1080) Dell wired keyboard Dell wired mouse DVD-RW optical drive
Weight	2.96 pounds		3.88 pounds	
Warranty	1 year standard 3 yr AppleCare, add \$183	1 year standard 3 year Applecare, add \$119	3 year ProSupport Plus	3 year ProSupport Plus
Cost	\$1,049.00	\$1,229.00	\$1,055.00	\$851.71 Optiplex 5040 - \$697.72 P2417H Display - \$153.99

Performance Recommendations

				
Model	Apple Mac Pro	Apple MacBook Pro 15" with Retina Display	Dell Precision M5530 15"	Dell Precision T3620 with 24" Dell P2417H
Operating System	OS X Sierra 10.12	OS X Sierra 10.12	Windows 10	Windows 10
Specs	3.5 GHz Intel 6-Core Xeon E5 32GB memory 512GB SSD Dual AMD FirePro D500 Recommended 24" U2417H display (1920x1080) Apple wired keyboard Apple wired mouse	2.2GHz Intel 6-Core i7 16GB memory 256GB SSD Radeon Pro 555X 15" display (2880x1800) 8 hour battery life	2.6GHz Intel Quad Core i7 16GB memory 512GB SSD Nvidia Quadro P1000 15" display (1920x1080) (2) USB 3, (1) USC-C 12 hour battery life	3.7GHz Xeon Quad Core 32GB memory (2X16GB) 512GB Class 40 SSD Radeon Pro WX 4100 24" display(1920x1080) Dell wired keyboard Dell wired mouse DVD-RW optical drive
Weight		4.5 pounds	4 pounds	
Warranty	1 year standard 3 yr AppleCare, add \$199	1 year standard 3 yr AppleCare, add \$239	3 year ProSupport with Next Business Day	3 year ProSupport with Next Business Day
Cost	\$3,568.07 Mac Pro - \$3,339.00 U2417H Display - \$229.07	\$2,249.00	\$2,139.00	\$1,852.82 Precision T3620 - \$1,698.83 P2417H Display - \$153.99



Ultra-Portable Recommendations

		
Model	Apple 12.9" iPad Pro	Dell Latitude 7290 12"
Operating System	iOS 12	Windows 10
Specs	<p>A12X Bionic chip with 64-bit architecture Embedded M12 coprocessor 256GB 2732x2048-pixel resolution 12-megapixel camera USB-C</p> <p>Smart Keyboard Folio (sold separately)</p> <p>Wi-Fi + Cellular models Up to 9 hours of surfing the web using cellular data network</p>	<p>2.5GHz i7 Dual-Core 16GB memory 256GB Class 20 SSD Intel® HD Graphics 620 12.5" display (1366x768) HD Camera/Mic/Non-Touch (1) USB-C, (2) USB 3 Intel Dual Band Wireless + Bluetooth</p> <p>10 hour battery life</p>
Weight	1.4 pounds	2.5 pounds
Warranty	1 year standard 3 yr AppleCare, add \$129	3 year ProSupport with Next Business Day
Cost	\$1,099 \$1,298 (with keyboard folio)	\$1,221.36



All in One Recommendations

		
Model	Apple iMac 27" with 5K Retina Display	Dell OptiPlex 7450 23" All In One
Operating System	OS X Sierra 10.12	Windows 10
Specs	<p>3.2GHz Intel Core i5 8GB memory 256GB SSD AMD Radeon R9 M380 High resolution 27" display (5120x2880 Retina 5K)</p> <p>Apple wired keyboard Apple wired mouse</p>	<p>3.5GHz Intel Quad-Core i5 16GB memory 256GB SSD Intel® Integrated Graphics 23.8" anti-glare, non-touch display (1920x1080)</p> <p>Dell wired keyboard Dell wired mouse Intel® Dual Band Wireless AC</p>
Warranty	1 year standard 3 year Applecare, add \$119	3 year ProSupport with Next Business Day
Cost	\$1,789.00	\$991.53

Classroom Recommendations

		
Model	Apple Mac mini	Dell OptiPlex 7060M with 24" Dell U2417H
Operating System	OS X Sierra 10.12	Windows 10
Specs	3.2GHz Intel Quad Core i7 16GB memory 256GB SSD Intel UHD Graphics 630 Recommended 24" display (1920x1080)	4.3GHz Intel Quad-Core i5 16GB memory 256GB SSD Intel Integrated Graphics Optional HDMI 2.0b Video Port for Micro Dell wired keyboard Dell wired mouse
Warranty	1 year standard 3 yr AppleCare, add \$79	3 year ProSupport with Next Business Day
Cost	\$1,409.00	\$787.21

2-in-1 Recommendations

		 <small>Accessories sold separately</small>
Model	Apple 12.9" iPad Pro	Microsoft Surface Pro 6
Operating System	iOS 12	Windows 10
Specs	A12X Bionic chip with 64-bit architecture Embedded M12 coprocessor 256GB 2732x2048-pixel resolution 12-megapixel camera USB-C Smart Keyboard Folio (sold separately) Wi-Fi + Cellular models Up to 9 hours of surfing the web using cellular data network	Intel Core i5-8350U 8GB memory 256GB Intel UHD Graphics 12.3" PixelSense Display (2736x1824) 10 point multi-touch USB 3.0/Mini DisplayPort/ Headphone-Microphone Combo Jack/Dock/ SurfaceConnect/3-in-1 Memory Card Reader. 13.5 hour battery life
Weight	1.4 pounds	1.5 pounds
Warranty	1 year standard 3 yr AppleCare, add \$129	3 year ProSupport with Next Business Day
Cost	\$1,099 \$1,298 (with keyboard folio)	\$1,149 \$1,298 (with keyboard folio)

Tablet Recommendations

			
Model	Apple 12.9" iPad Pro	Apple iPad Pro 11"	Microsoft Surface Go
Operating System	iOS 12	iOS 12	Windows 10
Specs	<p>A12X Bionic chip with 64-bit architecture Embedded M12 coprocessor 256GB 2732x2048-pixel resolution 12-megapixel camera USB-C</p> <p>Smart Keyboard Folio (sold separately)</p> <p>Wi-Fi + Cellular models Up to 9 hours of surfing the web using cellular data network</p>	<p>A12X Bionic chip with 64-bit architecture Embedded M12 coprocessor 256GB 2388x1668-pixel resolution 12-megapixel camera USB-C</p> <p>Smart Keyboard Folio (sold separately)</p> <p>Wi-Fi + Cellular models Up to 9 hours of surfing the web using cellular data network</p>	<p>Intel Processor 8GB memory 128GB SSD Intel HD 5300 Graphics 10" PixelSense (1800x1200) 1 USB-C</p> <p>9 hour battery life</p>
Weight	1.4 pounds	1 pound	1.15 pounds
Warranty	1 year standard 3 yr AppleCare, add \$129	1 year standard 3 yr AppleCare, add \$129	1 year limited warranty 3 yr warranty, add \$139.95
Cost	\$1,099 \$1,298 (with keyboard folio)	\$899 \$1078 (w/ keyboard folio)	\$539.95 \$659.90 (w/ keyboard folio)