

LAITS Computer Standards and Recommendations

LAITS Standard Recommendations

					
Model	Apple MacBook Pro 13"	Apple MacBook Pro 15"	Apple iMac 27"	Dell Latitude 7400 14" Clamshell	Dell Optiplex 7070 with 24" Dell U2417H
Operating System	OS X Mojave 10.14	OS X Mojave 10.14	OS X Mojave 10.14	Windows 10	Windows 10
Specs	3.9GHz Intel Quad-Core i5 16GB memory 256GB SSD Intel Iris Plus Graphics 13" display (2560x1600) Two Thunderbolt 3 Ports 9 hour battery life	2.6GHz Intel 6-Core i7 16GB memory 256GB SSD Radeon Pro 555X 15" display (2880x1800) 8 hour battery life	3.0GHz Intel 6-Core i5 16GB memory 256GB SSD Radeon Pro 570X 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 Carbon Fiber 14" display (1920x1080) SLP Panel, IR Camera/ Mic, Touch Intel Dual Band Wireless + Bluetooth (3) USB 3, (1) Thunderbolt 11 hour battery life	4.9GHz Intel Core i9 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	4 year ProSupport Plus	4 year ProSupport Plus
Cost	\$1,629	\$2,249	\$1,969.00	\$1,604.83	\$1,305.47 Optiplex 7070 \$1154.68 P2419HC Monitor \$150.79



Budget Recommendations

				
Model	Apple MacBook Air 13"	Apple iMac 21.5"	Dell Latitude 5400 14" Clamshell	Dell Optiplex 5050 with 24" Dell P2417H
Operating System	OS X Sierra 10.14	OS X Sierra 10.14	Windows 10	Windows 10
Specs	1.6GHz Intel Dual-Core i5 8GB memory 256GB SSD Intel UHD Graphics 13.3" display (1440x900) 12 hour battery life 2 Thunderbolt 3 Ports	3.0GHz Intel Core i5 8GB memory 256GB SSD Radeon Pro 560X 21.5" LED backlit screen (1920x1080) Apple Magic Keyboard Apple Magic Mouse 2	1.6GHz Intel Core i5 16GB memory 256GB Class 20 SSD Intel UHD 620 Graphics 14" display (1366x768) Camera & Microphone/Non-Touch	4.4GHz 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	4 year ProSupport Plus	4 year ProSupport Plus
Cost	\$1,199.00	\$1,489.00	\$1,294.00	\$914.35 Optiplex 5040 - \$763.56 P2419HC Display - \$150.79


Performance Recommendations

				
Model	Apple Mac Pro	Apple MacBook Pro 15" with Retina Display	Dell Precision M5530 15" Pre-Configured	Dell Precision T3630 with 24" Dell P2417H
Operating System	OS X Sierra 10.14	OS X Sierra 10.14	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	2.6GHz 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	3.8GHz Xeon (E-2174G) 4-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	4 year ProSupport with Next Business Day	4 year ProSupport with Next Business Day
Cost	\$3,339.00 Mac Pro - \$3,339.00	\$2,249.00	\$2,049.00	\$1,613.62 Precision T3630 - \$1,462.83 P2419HC Display - \$150.79

Ultra-Portable Recommendations

		
Model	Apple 12.9" iPad Pro	Microsoft Surface Pro 6
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>Intel Core i5-8350U 8GB memory 256GB Intel UHD Graphics 12.3" PixelSense Display (2736x1824) 10 point multi-touch</p> <p>USB 3.0/Mini DisplayPort/ Headphone-Microphone Combo Jack/Dock/ SurfaceConnect/3-in-1 Memory Card Reader.</p> <p>13.5 hour battery life</p>
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)

All in One Recommendations

		
Model	Apple iMac 27" with 5K Retina Display	Dell OptiPlex 7470 24" All In One (AIO)
Operating System	OS X Sierra 10.14	Windows 10
Specs	<p>3.0GHz Intel 6-Core i5 16GB memory 256GB SSD Radeon Pro 570X 27" display (5120x2880)</p> <p>Apple Magic Keyboard Apple Magic Mouse 2</p>	<p>4.9GHz Intel Quad-Core i9 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	\$1,969.00	\$1317.01

Classroom Recommendations



Model	Apple Mac mini	Dell OptiPlex 7070M with 24" Dell U2417H
Operating System	OS X Sierra 10.14	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



Accessories sold separately

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	1 year standard
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)