






# LAITS Computer Standards and Recommendations






## LAITS Standard Recommendations

					
<b>Model</b>	<b>Apple MacBook Pro 14"</b>	<b>Apple MacBook Pro 16"</b>	<b>Apple iMac 27"</b>	<b>Dell Latitude 7430 14"</b>	<b>Dell Optiplex 7000 (Small Form Factor) with 24" Dell Monitor</b>
<b>Operating System</b>	OS X Big Sur 10.16	OS X Big Sur 10.16	OS X Big Sur 10.16	Windows 11 Enterprise	Windows 11 Enterprise
<b>Specs</b>	<p>Apple M1 chip with 8-core CPU, 14-core GPU and 16-core Neural Engine 16GB unified Memory 512GB SSD Liquid Retina XDR display Three Thunderbolt 4 ports, HDMI port, SDXC card slot, MagSafe 3 port</p> <p>11 hour battery life</p>	<p>Apple M1 Pro with 10-core CPU, 16-core GPU, 16-core Neural Engine 16GB memory 512GB SSD Liquid Retina XDR display Three Thunderbolt 4 ports, HDMI port, SDXC card slot, MagSafe 3 port</p> <p>14 hour battery life</p>	<p>3.3GHz Intel 6-Core i5 16GB memory 512GB SSD Radeon Pro 5300 27" display (5120x2880)</p> <p>Apple Magic Keyboard Apple Magic Mouse 2</p>	<p>Intel i7 (12th gen) 16GB memory (1x16GB) 512GB Class 40 SSD Intel® Iris XE Graphics 14" FHD display (1920x1080) Non-Touch HD RGB Cam, Carbon Fiber Intel Dual Band Wireless + Bluetooth (2 USB Type-C (1) USB 3 (1) HDMI Port 11 hour battery life</p>	<p>2.10GHz Intel Core i7 16GB memory (1x16GB) 512GB Class 40 SSD Intel Integrated Graphics 24" display (1920x1080) DVD-RW optical drive Intel® Wi-Fi 6 AX201</p> <p>Dell Wireless Desktop Keyboard and Mouse -KM636</p>
<b>Weight</b>	3 pounds	4.5 pounds		3 pounds	
<b>Warranty</b>	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
<b>Cost</b>	<b>\$1,849</b>	<b>\$2,299</b>	<b>\$2,079</b>	<b>\$1,620.29</b>	<b>\$1,097.17</b> Recommended Monitor P2422HE Display - \$275.43



# Budget Recommendations

					
<b>Model</b>	<b>Apple MacBook Air 13"</b>	<b>Apple MacBook Pro 13"</b>	<b>Apple iMac 24"</b>	<b>Dell Latitude 5430 14"</b>	<b>Dell Optiplex 5000 with 24" Dell Monitor</b>
<b>Operating System</b>	OS X Big Sur 10.16	OS X Big Sur 10.16	OS X Big Sur 10.16	Windows 11 Enterprise	Windows 11 Enterprise
<b>Specs</b>	Apple M2 chip with 8-core CPU, 10-core GPU and 16-core Neural Engine 8GB memory 512GB SSD 13.3" retina display (1440x900) 12 hour battery life 2 - Thunderbolt 4 ports  18 hour battery life	Apple M2 chip with 8-core CPU, 10-core GPU and 16-core Neural Engine 8GB unified Memory 512GB SSD 13" retina display (2560x1600) 2 - Thunderbolt 4 Ports  20 hour battery life	Apple M1 chip with 8-core CPU 8GB memory 256GB SSD Gigabit Ethernet Two Thunderbolt / USB 4 ports Two USB-3 ports  Apple Magic Keyboard Apple Magic Mouse 2	Intel i5 (12th Gen) 16GB memory 512GB Class 40 SSD Intel XE Graphics 14" display (1920x1080) HD Camera & Microphone/ Non-Touch Intel WiFi	3.3GHz Intel Core i5 16GB memory (1x8GB) 512GB Class 40 PCIe SSD Intel Integrated Graphics 24" display (1920x1080) Intel® Wi-Fi 6 AX201 DVD+/-RW  Dell Wireless Desktop Keyboard and Mouse - KM636
<b>Weight</b>	2.96 pounds	3 pounds		3.88 pounds	
<b>Warranty</b>	1 year standard 3 yr AppleCare, add \$183	1 year standard 3 yr AppleCare, add \$199	1 year standard 3 year Applecare, add \$119	3 year ProSupport Plus	3 year ProSupport Plus
<b>Cost</b>	<b>\$1,399</b>	<b>\$1,399</b>	<b>\$1,399</b>	<b>\$1,440.44</b>	<b>\$939.55</b> Recommended Monitor P2422HE Display - \$275.43



# Performance Recommendations

					
<b>Model</b>	<b>Apple Mac Studio</b>	<b>Apple MacBook Pro 16"</b>	<b>Dell Latitude 9430 14"</b>	<b>Dell Precision 5570 15"</b>	<b>Dell Precision T3650 with 24" Dell Monitor</b>
<b>Operating System</b>	OS X Big Sur 10.16	OS X Big Sur 10.16	Windows 11 Enterprise	Windows 11 Enterprise	Windows 11 Enterprise
<b>Specs</b>	Apple M1 Ultra with 20-core CPU, 48-core GPU, 32-core Neural Engine 64GB memory 1TB SSD  Apple wired keyboard Apple wired mouse	2.4GHz Intel 8-Core i9 32GB memory 512GB SSD Radeon Pro 5300M 16" display (2880x1800)  8 hour battery life	Intel i7 (12th Gen) 16GB memory 512GB Class 35 SSD Intel Iris XE 2-in-1, 14" QHD+ (2560x1600) Touch, IR Cam, Mic and SafeShutter, ComfortView+, Proximity Sensor Intel WiFi	2.4GHz Intel 8 Core i7 32GB memory 1TB SSD Nvidia RTX graphics 15.6" display, Platinum Silver (3840x2400) touch w/ IR Cam (3) USB 3  12 hour battery life	2.4GHz Intel Core i9 32GB memory (2X16GB) 2TB Class 40 SSD Nvidia T400  Intel Wi-Fi 6E AX211  Keyboard and Mouse Combo - KM7120W DVD-RW optical drive
<b>Weight</b>		4.5 pounds	3 pounds	4 pounds	
<b>Warranty</b>	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	3 year ProSupport with Next Business Day
<b>Cost</b>	<b>\$3,599</b> Recommended Monitor: 27-inch 5K Retina display - \$1,899.00	<b>\$2,839.00</b>	<b>2,055.69</b>	<b>\$3,198.69</b>	<b>\$2,393.37</b> Recommended Monitor: P2422HE Display - \$275.43

## Ultra-Portable Recommendations

		
<b>Model</b>	<b>Apple 12.9" iPad Pro (Wi-Fi only)</b>	<b>Microsoft Surface Pro 8</b>
<b>Operating System</b>	iOS 15	Windows 10
<b>Specs</b>	<p>Apple M1 8-core 256GB 2732x2048-pixel resolution 12-megapixel camera USB-C</p> <p>Smart Keyboard Folio (sold separately)</p> <p>10 hour battery life</p>	<p>3 GHz Intel Core i7 16GB memory 512GB Intel Iris Xe Graphics 12.3" PixelSense Display (2736x1824) 10 point multi-touch</p> <p>(2) USB Type-C Supports USB 4.0 and Thunderbolt 4 with transfer. (1) Surface Connect (1) 3.5mm Headphone Jack</p> <p>16 hour battery life</p>
<b>Weight</b>	1.4 pounds	1.96 pounds
<b>Warranty</b>	1 year standard 3 yr AppleCare, add \$129	3 year Extended Plan (\$249.95)
<b>Cost</b>	<b>\$1,099</b> <b>\$1,278 (with keyboard folio)</b>	<b>\$1,679.95</b> <b>Type Cover (\$139.95)</b> <b>Surface Dock (\$179.95)</b>



## All in One Recommendations

		
<b>Model</b>	<b>Apple iMac 27" with 5K Retina Display</b>	<b>Dell OptiPlex 7400 24" All In One (AIO)</b>
<b>Operating System</b>	OS X Big Sur 10.16	Windows 11 Enterprise
<b>Specs</b>	<p>3.3GHz Intel 6-Core i5 16GB memory 512GB SSD Radeon Pro 5300 27" display (5120x2880)</p> <p>Apple Magic Keyboard Apple Magic Mouse 2</p>	<p>2.4GHz Intel i9 16GB memory 512GB SSD Intel® Integrated Graphics FHD 1920x1080 WVA Non-Touch Anti-Glare, Camera, IntegratedGraphics, Platinum 220w PSU</p> <p>Dell Wireless Desktop Keyboard and Mouse - KM636</p>
<b>Warranty</b>	1 year standard 3 year Applecare, add \$119	3 year ProSupport with Next Business Day
<b>Cost</b>	<b>\$2,079</b>	<b>\$1,411.11</b>

## Classroom Recommendations

		
<b>Model</b>	<b>Apple Mac mini</b>	<b>Dell OptiPlex 7000 (Micro Form Factor)</b>
<b>Operating System</b>	OS X Big Sur 10.16	Windows 10
<b>Specs</b>	3.2GHz Intel Quad Core i7 16GB memory 256GB SSD Intel UHD Graphics 630 Recommended 24" display (1920x1080)	2.1GHz Intel Core i7 16GB memory 512GB Class 40 SSD Intel Integrated Graphics 130 Watt AC Adapter Add Optional HDMI Intel® Wi-Fi 6 AX201  Dell Desktop Keyboard and Mouse - KM5221W included
<b>Warranty</b>	1 year standard 3 yr AppleCare, add \$79	4 year ProSupport with Next Business Day
<b>Cost</b>	<b>\$1,409.00</b>	<b>\$1,206.86</b>

## 2-in-1 Recommendations

		
<b>Model</b>	<b>Apple 12.9" iPad Pro (Wi-Fi only)</b>	<b>Microsoft Surface Pro 8</b>
<b>Operating System</b>	iOS 15	Windows 10
<b>Specs</b>	Apple M1 8-core 256GB 2732x2048-pixel resolution 12-megapixel camera USB-C  Smart Keyboard Folio (sold separately)  10 hour battery life	3 GHz Intel Core i7 16GB memory 512GB Intel Iris Xe Graphics 12.3" PixelSense Display (2736x1824) 10 point multi-touch  (2) USB Type-C Supports USB 4.0 and Thunderbolt 4 with transfer. (1) Surface Connect (1) 3.5mm Headphone Jack  16 hour battery life
<b>Weight</b>	1.4 pounds	1.96 pounds
<b>Warranty</b>	1 year standard 3 yr AppleCare, add \$129	3 year Extended Plan (\$249.95)
<b>Cost</b>	<b>\$1,099</b> <b>\$1,278 (with keyboard folio)</b>	<b>\$1,679.95</b> <b>Type Cover (\$139.95)</b> <b>Surface Dock (\$179.95)</b>

# Tablet Recommendations

			
<b>Model</b>	<b>Apple 12.9" iPad Pro (Wi-Fi only)</b>	<b>Apple iPad Pro 11" (Wi-Fi only)</b>	<b>Microsoft Surface Go</b>
<b>Operating System</b>	iOS 15	iOS 15	Windows 10
<b>Specs</b>	<p>Apple M1 8-core 256GB 2732x2048-pixel resolution 12-megapixel camera USB-C</p> <p>Smart Keyboard Folio (sold separately)</p> <p>10 hour battery life</p>	<p>Apple M1 8-core 256GB 2388x1688-pixel resolution 12-megapixel camera USB-C</p> <p>Smart Keyboard Folio (sold separately)</p> <p>10 hour battery life</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>
<b>Weight</b>	1.4 pounds	1 pound	1.15 pounds
<b>Warranty</b>	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
<b>Cost</b>	<b>\$1,099</b> <b>\$1,278 (with keyboard folio)</b>	<b>\$849</b> <b>\$1,008 (w/ keyboard folio)</b>	<b>\$539.95</b> <b>\$659.90 (w/ keyboard folio)</b>