

# ideapad S145-15AST Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD A4 / A6 / A9 series APU							Dimensions	<i>WxDxH</i> : 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm
	Processor Number	Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics	Weight	4.1 lb / 1.85 kg
	A4-9125		2.3 GHz	2.6 GHz				Case color	Granite black IMR, granite black texture or platinum grey IMR
	A6-9225		2.6 GHz	3.1 GHz				Case material	PC/ABS plastic
A9-9425	3.1 GHz	3.7 GHz	Camera	0.3MP, fixed focus, integrated monaural microphone					
Graphics	AMD Radeon R3 / R4 / R5 Graphics in processor only or AMD Radeon R3 / R4 / R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@60Hz (HDMI)							Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
								Keyboard	6-row, multimedia Fn keys, numeric keypad, Buttonless Mylar surface multi-touch touchpad
Chipset	AMD SoC (System on Chip) platform							Security	Power-on password, hard disk password, supervisor password
Memory	8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket							Security chip	Firmware TPM 2.0 integrated in chipset
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> </ul>							Fingerprint reader	None
Multi-touch	None							Battery	Integrated Li-Polymer 30Wh or 35Wh battery
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none"> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm</li> <li>SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s</li> </ul>							Max battery life	<i>MobileMark® 2014:</i> 4 hr (30Wh) or 4.5 hr (35Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>
Optical	None							AC adapter	45W or 65W round tip AC adapter
Ethernet	None							Preload (opt)	<i>Preloaded operating system</i> <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Home in S mode</li> <li>Windows 10 Pro 64</li> </ul> <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> <li>Microsoft Office Home and Student 2019</li> <li>Microsoft Office Home and Business 2019</li> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office 365 Home</li> <li>Microsoft Office 365 Personal</li> <li>Microsoft Office Professional 2019</li> <li>Microsoft Office Personal 2019</li> </ul>
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card							Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>1-year mail-in repair service</li> <li>1-year depot repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)							Environment	ENERGY STAR® 8.0; ErP lot3; RoHS-compliant
Ports	One USB 2.0, two USB 3.1 Gen 1, 4-in-1 media reader (MMC, SD, SDHC, SDXC), HDMI 1.4b, AC power adapter jack, headphone / microphone combo jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>								

Note: The specifications above may not be available in all regions.

Lenovo  
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