

ideapad S145-15AST Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD A4 / A6 / A9 series APU							Dimensions	WxDxH: 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	2.3 GHz	2.6 GHz	1MB	DDR4-2133	Radeon™ R3	Case color	Granite black IMR, granite black texture or platinum grey IMR	
	A6-9225		2.6 GHz	3.0 GHz			Radeon R4	Case material	PC/ABS plastic	
A9-9425	3.1 GHz		3.7 GHz	Radeon R5			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	
								Security	Power-on password, hard disk password, supervisor password	
								Security chip	Firmware TPM 2.0 integrated in chipset	
Chipset	AMD SoC (System on Chip) platform							Fingerprint reader	None	
Memory	8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket							Battery	Integrated Li-ion 30Wh or 35Wh battery	
Display	One of the following, configurable by model: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio							Max battery life	MobileMark® 2014: 4 hr (30Wh) or 4.5 hr (35Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>	
								AC adapter	45W or 65W round tip AC adapter	
								Preload	Preloaded operating system - Windows® 10 Home 64 - Windows 10 Home S - Preloaded applications (only some listed) - Microsoft Office Home and Student 2019 - Microsoft Office Trial (with 30-day license)	
								Limited warranty	One of the following, configurable by model: 1-year mail-in repair service 1-year depot repair service 2-year/1-yr battery depot repair service	
Multi-touch	None							Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant	
Storage	Up to 2 drives (one HDD and one M.2 SSD): - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm - SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) - M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s - M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s									
Optical	None									
Ethernet	None									
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card									
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)									
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.

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