

ideapad S145-14IKB Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th or 8th Generation Intel® Core™ i3 / i5 Processor								Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) 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>
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620		
	i3-8130U			2.2 GHz	3.4 GHz	4MB		Intel UHD Graphics 620		
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB					
Graphics	Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only or Intel HD Graphics 620 or Intel UHD Graphics 620 and NVIDIA® GeForce® MX110, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 3840x2160@30Hz (HDMI)								Keyboard	6-row, multimedia Fn keys
Chipset	Intel SoC (System on Chip) platform 12GB max / 2133MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Touchpad	Buttonless Mylar surface multi-touch touchpad
									Security	Power-on password, hard disk password, supervisor password
Memory									Security chip	Firmware TPM 2.0 integrated in chipset
									Fingerprint reader	None
									Battery	Integrated Li-ion 30Wh or 35Wh battery
									Max battery life	MobileMark® 2014: 5.5 hr (30Wh) or 6 hr (35Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>
									AC adapter	45W or 65W round tip AC adapter
Display	One of the following, configurable by model: 14.0" (356mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio 14.0" (356mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio								Preload (optional)	Preloaded operating system - Windows® 10 Home 64 - Windows 10 Home in S mode - Windows 10 Pro 64 Preloaded applications (only some listed) - Microsoft Office Home and Student 2019 - Microsoft Office Home and Business 2019 - Microsoft Office Trial (with 30-day license) - Microsoft Office Professional 2019 - Microsoft Office Personal 2019 - Microsoft Office 365 Home - Microsoft Office 365 Personal
Multi-touch	None									
Storage	Up to 2 drives (one HDD and one M.2 SSD): - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm - 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									
Optane Memory	None									
Optical	None								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
Ethernet	None									
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card								Environment	ENERGY STAR® 7.1; ErP lot3; RoHS-compliant
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
Dimensions	WxDxH: 12.88" x 9.49" x 0.78"; 327.1mm x 241mm x 19.9mm									
Weight	3.5 lb / 1.6 kg									
Case color	Granite black IMR, granite black texture or platinum grey IMR									
Case material	PC/ABS plastic									

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

Lenovo
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