

ideapad S145-14iL Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions	<i>WxDxH</i> : 12.88" x 9.49" x 0.78"; 327.1mm x 241mm x 19.9mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Starting at 3.5 lb / 1.6 kg	
	i3-1005G1	2	4	1.2 GHz	3.4 GHz	4MB	DDR4-2666	Intel UHD Graphics	Case color	Granite black IMR, granite black texture or platinum grey IMR	
	i5-1035G1			1.0 GHz	3.6 GHz			6MB	Intel Iris® Plus Graphics	Case material	PC/ABS plastic
	i5-1035G4			1.1 GHz	3.7 GHz	8MB				Intel Iris® Plus Graphics	Camera
i7-1065G7	1.3 GHz			3.9 GHz	8MB			Intel Iris® Plus Graphics	Audio support		HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
Graphics	Intel UHD Graphics or Intel Iris Plus Graphics in processor; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@24Hz (HDMI)								Keyboard	6-row, multimedia Fn keys	
Chipset	Intel SoC (System on Chip) platform								Touchpad	Buttonless Mylar surface multi-touch touchpad	
Memory	12GB max / 2666MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Security	Power-on password, hard disk password, supervisor password	
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 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 								Security chip	Firmware TPM 2.0 integrated in chipset	
Multi-touch	None								Fingerprint reader	None	
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none"> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high M.2 2280 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) 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 								Battery	Integrated Li-Polymer 30Wh or 35Wh battery	
Optical	None								Max battery life	<i>MobileMark® 2014</i> : 5.5 hr (30Wh) or 6 hr (35Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>	
Ethernet	None								AC adapter	65W round tip AC adapter	
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 5.0, M.2 Card								Preload (optional) <i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Home in S mode Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> Microsoft Office 365 Personal Microsoft Office 365 Home Microsoft Office Home and Student 2019 Microsoft Office Home and Business 2019 Microsoft Office Trial (with 30-day license) Microsoft Office Professional 2019 	Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 1-year depot repair service 1-year/2-yr system board depot repair service 2-year/1-yr battery depot repair service
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									Environment	ErP lot3; RoHS-compliant
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.

Lenovo
May 2020