ideapad S540-14IWL Platform Specifications

Processor	8th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8145U	2	4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB		
i7-8565U			1.8 GHz	4.6 GHz	8MB		

Graphics	Intel UHD Graphics 620 in processor only or, Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX250, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 3840x2160@30Hz (HDMI)
Chipset Memory	Intel SoC (System on Chip) platform 12GB max / 2400MHz DDR4, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket

Display	*One of the following, configurable by model:*
	● 14.0" (356mm) FHD (1920x1080), IPS, anti-glare or glossy, LED backlight,
	  250 nits, 16:9 aspect ratio, 45% gamut
	● 14.0" (356mm) FHD (1920x1080), IPS, anti-glare or glossy, LED backlight,
	  300 nits, 16:9 aspect ratio, 72% gamut

Multi-touch *(opt)*	10-point multi-touch
Storage	*One of the following, configurable by model:* ● 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 *(optional)*	External DVD burner, 9.5mm high
Ethernet	None
WLAN	*One of the following, configurable by model:* ● 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card ● 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Dimensions Weight	*WxDxH:* 12.72" x 8.94" x 0.62"; 323mm x 227mm x 15.9mm *Display bezel plastic model:* 3.3 lb / 1.5 kg *Display bezel glass model:* 3.6 lb / 1.63 kg
Case color Case material	Abyss blue, copper or mineral grey *Display cover:* Aluminum *Display bezel:* PC/ABS plastic or glass (glossy model) *Bottom:* Aluminum

Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1, HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), AC power adapter jack, headphone / microphone combo jack ** Depending on many factors, actual data transfer speed may be lower than theoretical speed*
Camera Audio support	HD720p, 1.0MP resolution, with privacy shutter, fixed focus HD Audio, Dolby Audio™ Speaker System, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack
Keyboard Touchpad	6-row, multimedia Fn keys, LED backlight Buttonless glass surface multi-touch touchpad
Security Security chip Fingerprint reader	Power-on password, supervisor password Firmware TPM 2.0 integrated in chipset Touch style fingerprint reader on the palm rest
Battery Max battery life	Integrated Li-ion 45Wh or 50Wh battery *MobileMark® 2014:* 10 hr (45Wh) or 12 hr (50Wh) ** Battery life varies significantly with settings, usage, & other factors*
AC adapter	65W round tip AC adapter, supports rapid charge (1 hour 80%)
Preload	*Preloaded operating system* ● Windows® 10 Home 64 ● Windows® 10 Home in S mode ● Windows® 10 Pro 64 ● Windows 10 Pro in S mode *Preloaded applications (only some listed)* ● Microsoft Office Home and Business 2019 ● Microsoft Office Home and Student 2019 ● Microsoft Office Trial (with 30-day license) ● Microsoft Office 365 Home ● Microsoft Office 365 Personal ● Microsoft Office Professional 2019 ● Microsoft Office Personal 2019
Limited warranty	*One of the following, configurable by model:* • 1-year depot repair service • 2-year/1-yr battery depot repair service
Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant

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