ideapad S540-15IWL GTX Platform Specifications

Processor	8th Generation Intel® Core™ i5 / i7 Processor							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB	DDR4-2400	Intel UHD Graphics 620
	i7-8565U			1.8 GHz	4.6 GHz	8MB		

Graphics	Intel UHD Graphics 620 and NVIDIA® GeForce® GTX 1650 Max-Q (4GB GDDR5 memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 3840x2160@60Hz (HDMI)
Chipset Memory	Intel SoC (System on Chip) platform 12GB max / 2400MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
Display Multi-touch	15.6" (396mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 72% NTSC 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 Optical	Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2 None
Ethernet	None
WLAN Bluetooth™	802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Dimensions Weight Case color Case material	*WxDxH:* 14.1" x 9.6" x 0.74"~0.75"; 358mm x 245mm x 18.95~19.10mm 3.97 lb / 1.8 kg Mineral grey 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 2.0, 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, numeric keypad, LED backlight Buttonless glass surface multi-touch touchpad
Security Security chip Fingerprint reader	Power-on password, hard-disk password, supervisor password Firmware TPM 2.0 integrated in chipset Touch style fingerprint reader on the palm rest
Battery Max battery life AC adapter	Integrated Li-ion 52.5Wh or 70Wh battery, supports rapid charge (1 hour 80%) *MobileMark® 2014:* 12 hr *(52.5Wh)* or 15 hr *(70Wh)* ** Battery life varies significantly with hardware configurations, settings, usage, & other factors* 90W slim tip AC adapter
Preload *(optional)*	Preloaded operating system ● Windows® 10 Home 64 ● Windows 10 Pro 64 *Preloaded applications (only some listed)* ● Microsoft Office Trial (with 30-day license) ● Microsoft Office Home and Business 2019 ● Microsoft Office Home and Student 2019 ● 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® 7.1; ErP lot3; RoHS-compliant

Note: The specifications above may not be available in all regions and might change by region.