

ideapad S540-15IWL 81NE008NGE

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Product
ideapad S540-15IWL

Region
WE

Country
Germany

Machine Type
81NE

Processor
Core i7-8565U (4C / 8T, 1.8 / 4.6GHz, 8MB)

Graphics
NVIDIA GeForce MX 250 2GB GDDR5

Chipset
Intel SoC Platform

Memory
4GB Soldered + 8GB DIMM DDR4-2400

Display
15.6" FHD (1920x1080) IPS 300nits Glossy, Glass

Multi-touch
None

Storage
512GB SSD M.2 2280 PCIe NVMe

Optane Memory
None

Optical
None

Media Reader
4-in-1

Ethernet
None

WLAN + Bluetooth
11ac, 1x1 + BT4.2

Color
Copper

Camera
720p

Microphone
Dual Array

Keyboard
Backlit

Fingerprint Reader
Fingerprint Reader

TPM
FW TPM 2.0

Battery
Integrated 52.5Wh

Power Adapter
65W Round Tip

Operating System
Windows 10 Home 64

Bundled Software
Office Trial

Warranty
2-year, Depot

EAN / UPC
193638081098

Announce Date
2019-05-14

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.
<https://www.lenovo.com/hk/en/battery-info>



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ideapad S540-15IWL Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i3 / i5 / i7 Processor								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 (non-GTX model) or HDMI 2.0 (GTX model), 4-in-1 media reader (MMC, SD, SDHC, SDXC), 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		
	i3-8145U	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	Integrated Graphics		Discrete Graphics (Memory)						Dimensions	<i>Non-GTX model:</i> <i>WxDxH:</i> 14.1" x 9.6" x 0.67"~0.68"; 358mm x 245mm x 16.95~17.15mm <i>GTX model:</i> <i>WxDxH:</i> 14.1" x 9.6" x 0.74"~0.75"; 358mm x 245mm x 18.95~19.10mm <i>Display bezel plastic model:</i> 3.97 lb / 1.8 kg <i>Display bezel glass model:</i> 4.3 lb / 1.95 kg <i>Weight</i> <i>Case color</i> <i>Case material</i> <i>Display cover:</i> Aluminum <i>Display bezel:</i> PC/ABS plastic or glass (glossy model) <i>Bottom:</i> Aluminum
	Intel UHD Graphics 620		-							
	Intel UHD Graphics 620		NVIDIA® GeForce® MX 250 (2GB GDDR5 memory)							
			NVIDIA GeForce GTX 1650 (4GB GDDR5 memory)							
	supports external digital monitor via HDMI; supports dual independent display; Max resolution: 3840x2160@30Hz (HDMI)								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
Chipset	Intel SoC (System on Chip) platform									
Memory	12GB max offering / 2400MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket									
Display	<i>One of the following, configurable by model:</i> 15.6" (396mm) FHD (1920x1080), IPS, anti-glare or glossy, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut 15.6" (396mm) FHD (1920x1080), IPS, anti-glare or glossy, LED backlight, 300 nits, 16:9 aspect ratio, 72% gamut									
Multi-touch	None								Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad, LED backlight Buttonless glass surface multi-touch touchpad
Storage	<i>Up to 2 drives (one HDD, one M.2 SSD / Optane Memory):</i> - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm - M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCIe NVMe) - M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCIe NVMe)								Security Security chip	Power-on password, hard-disk password, supervisor password Firmware TPM 2.0 integrated in chipset
Optane Memory	Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2								Fingerprint reader	Touch style match on chip fingerprint reader on the keyboard bezel
Optical	None								Battery Max battery life	Integrated Li-ion 52.5Wh or 70Wh battery <i>MobileMark® 2014:</i> 12 hr (52.5Wh) or 15 hr (70Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>
Ethernet	None								AC adapter	65W round tip AC adapter, supports rapid charge (1 hour 80%)
WLAN	<i>One of the following, configurable by model:</i> 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card								Preload	<i>Preloaded operating system</i> - Windows® 10 Home 64 - Windows 10 Home S <i>Preloaded applications (only some listed)</i> - Microsoft Office Trial (with 30-day license) - Microsoft Office 2019
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Limited warranty	<i>One of the following, configurable by model:</i> 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.

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