

ideapad S540-15IWL 81NE003XGE

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Product
ideapad S540-15IWL

Region
WE

Country
Germany

Machine Type
81NE

Processor
Core i5-8265U (4C / 8T, 1.6 / 3.9GHz, 6MB)

Graphics
NVIDIA GeForce MX 250 2GB GDDR5

Chipset
Intel SoC Platform

Memory
4GB Soldered + 4GB 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
Mineral Grey

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
193386724346

Announce Date
2019-04-09

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							
	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)					
	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)							
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							
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)							
Optane Memory	Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2							
Optical	None							
Ethernet	None							
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							
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter							
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>							
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							
Weight	<i>Display bezel plastic model:</i> 3.97 lb / 1.8 kg <i>Display bezel glass model:</i> 4.3 lb / 1.95 kg							
Case color	Abyss blue, copper or mineral grey							
Case material	<i>Display cover:</i> Aluminum <i>Display bezel:</i> PC/ABS plastic or glass (glossy model) <i>Bottom:</i> Aluminum							
Camera	HD720p, 1.0MP resolution, with privacy shutter, fixed focus							
Audio support	HD Audio, Dolby Audio™ Speaker System, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack							
Keyboard	6-row, multimedia Fn keys, numeric keypad, LED backlight							
Touchpad	Buttonless glass surface multi-touch touchpad							
Security	Power-on password, hard-disk password, supervisor password							
Security chip	Firmware TPM 2.0 integrated in chipset							
Fingerprint reader	Touch style match on chip fingerprint reader on the keyboard bezel							
Battery	Integrated Li-ion 52.5Wh or 70Wh battery							
Max battery life	<i>MobileMark® 2014:</i> 12 hr (52.5Wh) or 15 hr (70Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>							
AC adapter	65W round tip AC adapter, supports rapid charge (1 hour 80%)							
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							
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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