ideapad S540-15IWL 81NE00B4BM

Product
ideapad S540-15IWL

Region
EET

Country/Region
Bulgaria

Machine Type
81NE

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

Graphics
NVIDIA GeForce MX250 2GB GDDR5

Chipset
Intel SoC Platform

Memory
4GB Soldered + 4GB DIMM DDR4-2400

Storage
512GB SSD M.2 2280 PCIe NVMe

Optane Memory
None

Display
15.6" FHD (1920x1080) IPS 250nits Anti-glare

Multi-touch
None

Optical
None

Media Reader
4-in-1

Ethernet
None

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

Case Material
Aluminum

Camera
720p

Microphone
2x, Array

Color
Mineral Grey

Keyboard
Backlit, Bulgarian

Fingerprint Reader
Touch Style

TPM
FW TPM 2.0

Battery
Integrated 52.5Wh

Power Adapter
65W Round Tip

Operating System
None

Bundled Software
None

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC
193638929291

End of Support
2025-08-17

Announce Date
2019-07-17

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.

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ideapad S540-15IWL Platform Specifications

Lenovo

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	-
		NVIDIA® GeForce® MX250 (2GB 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
One of the following, configurable by model:
- 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
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 Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2
Optical None

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

Media reader 4-in-1 media reader (MMC, SD, SDHC, SDXC)
Ports 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

Dimensions *WxDxH:* 14.1" x 9.6" x 0.67"~0.68"; 358mm x 245mm x 16.95~17.15mm
Weight *Display bezel plastic model:* 3.97 lb / 1.8 kg
Display bezel glass model: 4.3 lb / 1.95 kg
Case color Abyss blue, copper or mineral grey
Case material *Display cover:* Aluminum
Display bezel: PC/ABS plastic or glass (glossy model)
Bottom: 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 fingerprint reader on the palm rest

Battery Integrated Li-ion 52.5Wh or 70Wh battery,
supports rapid charge (1 hour 80%)
Max battery life *MobileMark® 2014:* 12 hr *(52.5Wh)* or 15 hr *(70Wh)*
* Battery life varies significantly with settings, usage, & other factors
AC adapter 65W round tip AC adapter

Preload *(optional)* *Preloaded operating system*
- Windows® 10 Home 64
- Windows 10 Home in S mode
Preloaded applications (only some listed)
- Microsoft Office Trial (with 30-day license)
- Microsoft Office Home and Student 2019
- Microsoft Office Home and Business 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.

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