ideapad S540-15IML 81NG0023GE

Product
ideapad S540-15IML

Region
WE

Country/Region
Germany

Machine Type
81NG

Processor
Core i7-10510U (4C / 8T, 1.8 / 4.9GHz, 8MB)

Graphics
NVIDIA GeForce MX250 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
1TB 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
2x, Array

Keyboard
Backlit, German

Fingerprint Reader
Fingerprint Reader

TPM
FW TPM 2.0

Battery
Integrated 70Wh

Power Adapter
65W Round Tip

Operating System
Windows 10 Home 64, German

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC
194552344221

End of Support
2025-10-12

Announce Date
2019-09-12

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 S540-15IML Platform Specifications

Product Specifications Reference (PSREF)

Processor

10th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-10110U	4	8	2.1 GHz	4.1 GHz	4MB	DDR4-2400	Intel UHD Graphics
i5-10210U			1.6 GHz	4.2 GHz	6MB		
i7-10510U			1.8 GHz	4.9 GHz	8MB		

Graphics

Integrated Graphics	Discrete Graphics (Memory)
Intel UHD Graphics	-
	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, 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 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s

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"; 358mm x 245mm x 16.9mm

Weight
Plastic display bezel model: 3.97 lb / 1.8 kg
Glass display bezel 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 match on chip fingerprint reader on the keyboard bezel

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
- 1-year/2-yr motherboard 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.

Lenovo
September 2019

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