ideapad S145-15IIL 81W8002VIX

Product
ideapad S145-15IIL

Region
WE

Country/Region
Italy

Machine Type
81W8

Processor
Intel Core i7-1065G7 (4C / 8T, 1.3 / 3.9GHz, 8MB)

Graphics
Integrated Intel Iris Plus Graphics

Chipset
Intel SoC Platform

Memory
4GB Soldered + 4GB DIMM DDR4-2666

Storage
256GB SSD M.2 2242 PCIe NVMe 3.0x2

Display
15.6" FHD (1920x1080) TN 220nits Anti-glare

Touchscreen
None

Optical
None

Media Reader
4-in-1

Ethernet
None

WLAN + Bluetooth
11ac, 1x1 + BT5.0

Case Material
PC / ABS

Camera
0.3MP

Microphone
Mono

Color
Granite Black, IMR

Keyboard
Non-backlit, Italian

Fingerprint Reader
None

TPM
FW TPM 2.0

Battery
Integrated 30Wh

Power Adapter
65W Round Tip

Operating System
Windows 10 Home 64, English / Italian

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC
194632040791

End of Support
2026-01-12

Announce Date
2019-12-12

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ideapad S145-15IIL Platform Specifications

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
i3-1005G1	2	4	1.2 GHz	3.4 GHz	4MB	DDR4-2666	Intel UHD Graphics
i5-1035G1	4	8	1.0 GHz	3.6 GHz	6MB		
i5-1035G4			1.1 GHz	3.7 GHz			Intel Iris® Plus Graphics
i7-1065G7			1.3 GHz	3.9 GHz	8MB		

Graphics
Intel UHD Graphics or Intel Iris Plus Graphics in processor;
supports external digital monitor via HDMI;
supports dual independent display;
Max resolution: 4096x2160@24Hz (HDMI)

Chipset
Intel SoC (System on Chip) platform

Memory
12GB max / 2666MHz DDR4, 4GB memory soldered to systemboard,
one DDR4 SO-DIMM socket

Display
One of the following, configurable by model:
- 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio
- 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio

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
- Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4

Optical
None

Ethernet
None

WLAN
802.11ac 1x1 Wi-Fi + Bluetooth 5.0, M.2 Card

Bluetooth™
Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

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

Ports
One USB 2.0, two USB 3.1 Gen 1, 4-in-1 media reader (MMC, SD, SDHC, SDXC), HDMI 1.4b, AC power adapter jack, headphone / microphone combo jack
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Dimensions
WxDxH: 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm

Weight
Starting at 4.1 lb / 1.85 kg

Case color
Granite black IMR, granite black texture or platinum grey IMR

Case material
PC/ABS plastic

Camera
0.3MP, fixed focus, integrated monaural microphone

Audio support
HD Audio, Dolby® Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack

Keyboard
6-row, multimedia Fn keys, numeric keypad

Touchpad
Buttonless Mylar surface multi-touch touchpad

Security
Power-on password, hard disk password, supervisor password

Security chip
Firmware TPM 2.0 integrated in chipset

Fingerprint reader
None

Battery
Integrated Li-ion 30Wh or 35Wh battery

Max battery life
MobileMark® 2014: 5.5 hr (30Wh) or 6 hr (35Wh)
** 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 365 Personal
- Microsoft Office Home and Student 2019
- Microsoft Office Trial (with 30-day license)

Limited warranty
One of the following, configurable by model:
- 1-year depot repair service
- 1-year/2-yr system board depot repair service
- 2-year/1-yr battery depot repair service

Environment
ErP lot3; RoHS-compliant

Note: The specifications above may not be available in all regions.

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