ideapad S145-15IIL 81W8004CBM

Product
ideapad S145-15IIL

Region
EET

Country/Region
Bulgaria

Machine Type
81W8

Processor
Intel Core i3-1005G1 (2C / 4T, 1.2 / 3.4GHz, 4MB)

Graphics
Integrated Intel UHD Graphics

Chipset
Intel SoC Platform

Memory
4GB Soldered + 4GB DIMM DDR4-2666

Storage
512GB SSD M.2 2280 PCIe NVMe

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, Bulgarian

Fingerprint Reader
None

TPM
FW TPM 2.0

Battery
Integrated 30Wh

Power Adapter
65W Round Tip

Operating System
None

Bundled Software
None

Base Warranty
2-year, Depot

Bundled Service
None

EAN / UPC
194632113235

End of Support
2026-01-12

Announce Date
2019-12-12

ideapad S145-15IIL Platform Specifications

Lenovo

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 Memory	Intel SoC (System on Chip) platform 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 Bluetooth™	802.11ac 1x1 Wi-Fi + Bluetooth 5.0, M.2 Card Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) 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 Weight Case color Case material	*WxDxH:* 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm Starting at 4.1 lb / 1.85 kg Granite black IMR, granite black texture or platinum grey IMR PC/ABS plastic
Camera Audio support	0.3MP, fixed focus, integrated monaural microphone HD Audio, Dolby® Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad Buttonless Mylar surface multi-touch touchpad
Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset None
Battery Max battery life	Integrated Li-ion 30Wh or 35Wh battery *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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