

ideapad S145-15IKB 81VD0052IX

Product

ideapad S145-15IKB

Region

WE

Country/Region

Italy

Machine Type

81VD

Processor

Intel Core i5-8250U (4C / 8T, 1.6 / 3.4GHz, 6MB)

Graphics

NVIDIA GeForce MX110 2GB GDDR5

Chipset

Intel SoC Platform

Memory

4GB Soldered + 4GB DIMM DDR4-2133

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 + BT4.2

Case Material

PC / ABS

Camera

0.3MP

Microphone

Mono

Color

Platinum Grey, 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

194632377927

End of Support

2025-11-30

Announce Date

2019-10-31



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ideapad S145-15lKB Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th or 8th Generation Intel® Core™ i3 / i5 Processor								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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Dimensions	WxDxH: 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm
	i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Weight	4.1 lb / 1.85 kg
	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB		Intel UHD Graphics 620	Case color	Granite black IMR, granite black texture or platinum grey IMR
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB			Case material	PC/ABS plastic
Graphics	Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only, or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX110 (2GB GDDR5 memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 3840x2160@30Hz (HDMI)								Camera	0.3MP, fixed focus, integrated monaural microphone
Chipset	Intel SoC (System on Chip) platform 12GB max offering / 2133MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Audio support	HD Audio, Dolby® Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
Memory									Keyboard	6-row, multimedia Fn keys, numeric keypad
Display									Touchpad	Buttonless mylar surface multi-touch touchpad
	<i>One of the following, configurable by model:</i> 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								Security	Power-on password, hard disk password, supervisor password
Multi-touch									Security chip	Firmware TPM 2.0 integrated in chipset
Storage									Fingerprint reader	None
	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> - 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								Battery	Integrated Li-ion 30Wh or 35Wh battery
Optane Memory									Max battery life	MobileMark® 2014: 5.5 hr (30Wh) or 6 hr (35Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>
Optical									AC adapter	45W or 65W round tip AC adapter
Ethernet	None								Preload (optional)	Preloaded operating system - Windows® 10 Home 64 - Windows 10 Home S - Windows 10 Pro 64 Preloaded applications (only some listed) - Microsoft Office Home and Student 2019 - Microsoft Office Trial (with 30-day license)
WLAN									Limited warranty	One of the following, configurable by model: 1-year depot repair service 2-year/1-yr battery depot repair service
Bluetooth™									Environment	ENERGY STAR® 7.1; ErP lot3; RoHS-compliant

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

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