ideapad S145-15IWL 81MV00E3IX

Product
ideapad S145-15IWL

Region
WE

Country/Region
Italy

Machine Type
81MV

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

Graphics
NVIDIA GeForce MX110 2GB GDDR5

Chipset
Intel SoC Platform

Memory
4GB Soldered + 4GB DIMM DDR4-2400

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

Multi-touch
None

Storage
256GB SSD M.2 SATA6Gb/s

Optane Memory
None

Optical
None

Media Reader
4-in-1

Ethernet
None

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

Color
Grey, IMR

Camera
0.3MP

Microphone
Mono

Keyboard
Non-backlit

Fingerprint Reader
None

TPM
FW TPM 2.0

Battery
Integrated 30Wh

Power Adapter
65W Round Tip

Operating System
Windows 10 Home 64

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Upsell Service Bundles
None

EAN / UPC
193386760504

End of Support
2025-05-13

Announce Date
2019-04-13

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 S145-15IWL Platform Specifications

Processor	Intel® Celeron® Processor, Intel Pentium® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
	Celeron 4205U		2	1.8 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610
	Pentium Gold 5405U	2	4	2.3 GHz	-			
	i3-8145U			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	Intel UHD Graphics 610 or 620 in processor only, or Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX 110 (2GB GDDR5 memory); 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 offering / 2133MHz DDR4 (Celeron or Pentium model) or 2400MHz DDR4 (Core i3 / i5 / i7 model), optional 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 SATA SSD or M.2 SSD):* ● HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm ● SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) ● M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe) ● M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) ● Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4
Optane Memory	Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2
Optical	None
Ethernet	None
WLAN	802.11ac 1x1 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	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	4.1 lb / 1.85 kg
Case color	Black IMR, black texture, abyss blue IMR, dark orchid IMR or 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	45W or 65W round tip AC adapter
Preload	*Preloaded operating system* ● Windows® 10 Home 64 ● Windows 10 Home S ● Windows 10 Pro 64 *Preloaded applications (only some listed)* ● Microsoft Office Trial (with 30-day license) ● Microsoft Office 365 (with 1-year license)
Limited warranty	*One of the following, configurable by model:* • 1-year mail-in repair service • 1-year depot repair service • 2-year/1-yr battery depot repair service
Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant

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

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