

ideapad S145-15IWL 81MV010NBM

Product

ideapad S145-15IWL

Region

EET

Country/Region

Bulgaria

Machine Type

81MV

Processor

Intel Pentium Gold 5405U (2C / 4T, 2.3GHz, 2MB)

Graphics

NVIDIA GeForce MX110 2GB GDDR5

Chipset

Intel SoC Platform

Memory

8GB DIMM DDR4-2133

Display

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

Multi-touch

None

Storage

256GB SSD 2.5" SATA6Gb/s

Optane Memory

None

Optical

None

Media Reader

4-in-1

Ethernet

None

WLAN + Bluetooth

11ac, 1x1 + BT4.2

Color

Platinum Grey, IMR

Camera

0.3MP

Microphone

Mono

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

193638908616

End of Support

2025-08-15

Announce Date

2019-07-15

Recommended Services**Best**

3Y Depot/CCI upgrade from 2Y Depot/CCI delivery
(5WS0K75649)

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

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor, Intel Pentium® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor								WLAN Bluetooth™	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	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>
	Celeron 4205U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610	Dimensions Weight 4.1 lb / 1.85 kg Case color Granite black IMR, granite black texture, abyss blue IMR, dark orchid IMR or platinum grey IMR Case material PC/ABS plastic	
	Pentium Gold 5405U		4	2.3 GHz	-					
	i3-8145U			2.1 GHz	3.9 GHz					4MB
	i5-8265U	1.6 GHz		3.9 GHz	6MB	DDR4-2400	Intel UHD Graphics 620			
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)								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
Chipset Memory	Intel SoC (System on Chip) platform 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								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
Display	<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								Battery Max battery life	Integrated Li-ion 30Wh or 35Wh battery <i>MobileMark® 2014: 5.5 hr (30Wh) or 6 hr (35Wh)</i> <i>* Battery life varies significantly with settings, usage, & other factors</i>
Multi-touch	None								AC adapter	45W or 65W round tip AC adapter
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> - 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 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s - M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s - 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								Preload	<i>Preloaded operating system</i> - Windows® 10 Home 64 - Windows 10 Home S - Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> - Microsoft Office Trial (with 30-day license) - Microsoft Office 365 (with 1-year license)
Optane Memory	<i>Optional: 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2</i>								Limited warranty	<i>One of the following, configurable by model:</i> 1-year mail-in repair service 1-year depot repair service 2-year/1-yr battery depot repair service
Optical	None								Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant
Ethernet	None									

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

Lenovo
August 2019

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