

ideapad S145-15IWL 81MV00GHGE

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Product
ideapad S145-15IWL

Region
WE

Country
Germany

Machine Type
81MV

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

Graphics
Integrated Intel UHD Graphics 610

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
Black

Camera
0.3MP

Microphone
Monaural

Keyboard
Non-backlit

Fingerprint Reader
None

TPM
FW TPM 2.0

Battery
Integrated 30Wh

Power Adapter
45W Round Tip

Operating System
None

Bundled Software
None

Warranty
2-year, Depot

EAN / UPC
193386897491

Announce Date
2019-04-24

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.
<https://www.lenovo.com/hk/en/battery-info>



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Lenovo

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								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 Weight Case color Case material Camera Audio support
	Celeron 4205U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610		
	Pentium Gold 5405U		4	2.3 GHz	-					
	i3-8145U		2.1 GHz	3.9 GHz	4MB					
	i5-8265U	4	8	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, 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)								Keyboard	6-row, multimedia Fn keys, numeric keypad
Chipset	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								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
Memory									Fingerprint reader	None
Battery	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>								Max battery life	
									AC adapter	45W or 65W round tip AC adapter
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								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)
Multi-touch	None								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
Storage	<i>Up to 2 drives (one HDD and one SATA SSD or M.2 SSD / Optane memory):</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 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)									
Optane Memory	Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2								Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant
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									

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

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