

ideapad S145-15IWL 81MV00AJCK

Product

ideapad S145-15IWL

Region

EET

Country/Region

Czech, Slovakia

Machine Type

81MV

Processor

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

Graphics

Integrated Intel UHD Graphics 610

Chipset

Intel SoC Platform

Memory

4GB 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, Czech / Slovak

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 35Wh

Power Adapter

45W Round Tip

Operating System

Windows 10 Home 64, English / Czech / Slovak

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC

193386651499

End of Support

2025-05-01

Announce Date

2019-04-01

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	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card	
								Bluetooth™	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	4	1.8 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610	Dimensions	<i>WxDxH:</i> 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm
	Pentium Gold 5405U			2.3 GHz	-				Weight	4.1 lb / 1.85 kg
	i3-8145U	4	8	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Case color	Granite black IMR, granite black texture, abyss blue IMR, dark orchid IMR or platinum grey IMR
i5-8265U	1.6 GHz			3.9 GHz	6MB	Case material			PC/ABS plastic	
i7-8565U	1.8 GHz			4.6 GHz	8MB	Camera			0.3MP, fixed focus, integrated monaural microphone	
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)							Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack	
Chipset	Intel SoC (System on Chip) platform							Keyboard	6-row, multimedia Fn keys, numeric keypad	
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							Touchpad	Buttonless mylar surface multi-touch touchpad	
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 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	None							Security chip	Firmware TPM 2.0 integrated in chipset	
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none"> 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 							Fingerprint reader	None	
Optane Memory	Optional: 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2							Battery	Integrated Li-ion 30Wh or 35Wh battery	
Optical	None							Max battery life	<i>MobileMark® 2014:</i> 5.5 hr (30Wh) or 6 hr (35Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>	
Ethernet	None							AC adapter	45W or 65W round tip AC adapter	
								Preload	<i>Preloaded operating system</i> <ul style="list-style-type: none"> Windows® 10 Home 64 Windows 10 Home S Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> Microsoft Office Trial (with 30-day license) Microsoft Office 365 (with 1-year license) 	
								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> 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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