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

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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	-			Intel UHD Graphics 610
Pentium Gold 5405U	2	4	2.3 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610
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, 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 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 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
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	Granite black IMR, granite black texture, abyss blue IMR, dark orchid IMR or platinum 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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