

ideapad S145-14IWL 81MU009WPB

Product

ideapad S145-14IWL

Region

EET

Country/Region

Poland

Machine Type

81MU

Processor

Intel Core i3-8145U (2C / 4T, 2.1 / 3.9GHz, 4MB)

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

4GB SO-DIMM DDR4-2400

Storage

256GB SSD M.2 2280 SATA6Gb/s

Optane Memory

None

Display

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

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

Ethernet

None

WLAN + Bluetooth

11ac, 1x1 + BT4.2

Case Material

PC / ABS

Camera

0.3MP

Microphone

Mono

Color

Granite Black

Surface Treatment

IMR

Keyboard

Non-backlit, English

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 30Wh

Power Adapter

45W Round Tip

Operating System

Windows 10 Home 64, Polish

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

193386968382

End of Support

2025-03-18

Announce Date

2019-05-01

Recommended Services**Best**

3Y Courier/Carry-in upgrade from 2Y Courier/Carry-in (5WS0K75649)



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ideapad S145-14IWL Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron® Processor, Intel Pentium® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor								Dimensions	WxDxH: 12.88" x 9.49" x 0.78"; 327.1mm x 241mm x 19.9mm																												
	<table><tr><th>Processor Number</th><th># of Cores</th><th># of Threads</th><th>Base Frequency</th><th>Max Turbo Frequency</th><th>Cache</th><th>Memory Types</th><th>Processor Graphics</th></tr><tr><td>Celeron 4205U</td><td rowspan="3">2</td><td>2</td><td>1.8 GHz</td><td>-</td><td rowspan="2">2MB</td><td rowspan="2">DDR4-2133</td><td rowspan="5">Intel UHD Graphics</td></tr><tr><td>Pentium Gold 5405U</td><td>4</td><td>2.3 GHz</td><td>-</td></tr><tr><td>i3-8145U</td><td>2.1 GHz</td><td>3.9 GHz</td><td>4MB</td></tr><tr><td>i5-8265U</td><td rowspan="2">4</td><td rowspan="2">8</td><td>1.6 GHz</td><td>3.9 GHz</td><td>6MB</td><td rowspan="2">DDR4-2400</td></tr><tr><td>i7-8565U</td><td>1.8 GHz</td><td>4.6 GHz</td><td>8MB</td></tr></table>	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Celeron 4205U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel UHD Graphics	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	i7-8565U	1.8 GHz	4.6 GHz	8MB	Weight	3.5 lb / 1.6 kg
		Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics																													
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i7-8565U			1.8 GHz	4.6 GHz	8MB																																	
Case color	Granite black IMR, granite black texture or platinum grey IMR								Case material	PC/ABS plastic																												
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>																													
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																													
Graphics	Intel UHD Graphics in processor only or, Intel UHD Graphics in processor and NVIDIA® GeForce® MX110, (2GB GDDR5 memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@24Hz (HDMI)								Keyboard	6-row, multimedia Fn keys																												
									Touchpad	Buttonless Mylar surface multi-touch touchpad																												
									Security Security chip	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset																												
									Fingerprint reader	None																												
Chipset	Intel SoC (System on Chip) platform								Battery	Integrated Li-ion 30Wh or 35Wh battery																												
Memory	8GB max or 12GB max / 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								Max battery life	<i>MobileMark® 2014:</i> 5.5 hr (30Wh) or 6 hr (35Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>																												
Display	<i>One of the following, configurable by model:</i> 14.0" (356mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio 14.0" (356mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio								AC adapter	45W or 65W round tip AC adapter																												
Multi-touch	None								Preload (opt)	<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 Home - Microsoft Office 365 Personal - Microsoft Office Home and Business 2019 - Microsoft Office Home and Student 2019 - Microsoft Office Professional 2019 - Microsoft Office Personal 2019																												
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD/Optane Memory):</i> - HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high - SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high - 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 - Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4								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																												
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 and might change by region.

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