

# ideapad S145-15IWL 81MV00SBRM

**Product**  
ideapad S145-15IWL

**Region**  
EET

**Country**  
Romania

**Machine Type**  
81MV

**Processor**  
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**  
Black, IMR

**Camera**  
0.3MP

**Microphone**  
Mono

**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

**Base Warranty**  
2-year, Depot

**Upsell Service Bundles**  
None

**EAN / UPC**  
193638206859

**End of Support**  
2025-06-29

**Announce Date**  
2019-05-29

#### 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							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
	Celeron 4205U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610	
	Pentium Gold 5405U		4	2.3 GHz	-				
	i3-8145U	4	8	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	
	i5-8265U			1.6 GHz	3.9 GHz	6MB			
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)							Keyboard	6-row, multimedia Fn keys, numeric keypad
Chipset	Intel SoC (System on Chip) platform							Touchpad	Buttonless mylar surface multi-touch touchpad
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							Security	Power-on password, hard disk password, supervisor password
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> </ul>							Security chip	Firmware TPM 2.0 integrated in chipset
Multi-touch	None							Fingerprint reader	None
Storage	<i>Up to 2 drives (one HDD and one SATA SSD or M.2 SSD):</i> <ul style="list-style-type: none"> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm</li> <li>SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)</li> <li>M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)</li> <li>M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)</li> <li>Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4</li> </ul>							Battery	Integrated Li-ion 30Wh or 35Wh battery
Optane Memory	Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2							Max battery life	<i>MobileMark® 2014:</i> 5.5 hr (30Wh) or 6 hr (35Wh) <i>* Battery life varies significantly with settings, usage, &amp; other factors</i>
Optical	None							AC adapter	45W or 65W round tip AC adapter
Ethernet	None							Preload	<i>Preloaded operating system</i> <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Home S</li> <li>Windows 10 Pro 64</li> </ul> <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office 365 (with 1-year license)</li> </ul>
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card							Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>1-year mail-in repair service</li> <li>1-year depot repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant

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

Lenovo  
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