

# ideapad S145-15IWL 81MV007QSP

**Product**

ideapad S145-15IWL

**Region**

WE

**Country/Region**

Spain

**Machine Type**

81MV

**Processor**

Intel Core i5-8265U (4C / 8T, 1.6 / 3.9GHz, 6MB)

**Graphics**

NVIDIA GeForce MX110 2GB GDDR5

**Chipset**

Intel SoC Platform

**Memory**

4GB Soldered + 4GB DIMM DDR4-2400

**Storage**

256GB SSD M.2 2280 SATA6Gb/s

**Optane Memory**

None

**Display**

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

**Multi-touch**

None

**Optical**

None

**Media Reader**

4-in-1

**Ethernet**

None

**WLAN + Bluetooth**

11ac, 1x1 + BT4.2

**Case Material**

PC / ABS

**Camera**

0.3MP

**Microphone**

Mono

**Color**

Platinum Grey, IMR

**Keyboard**

Non-backlit, Spanish

**Fingerprint Reader**

None

**TPM**

FW TPM 2.0

**Battery**

Integrated 30Wh

**Power Adapter**

65W Round Tip

**Operating System**

Windows 10 Home 64, Spanish

**Bundled Software**

Office Trial

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC**

193386463535

**End of Support**

2025-04-13

**Announce Date**

2019-03-13

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**Recommended Services****Best**

3Y Onsite upgrade from 2Y Depot/CCI delivery (5WS0K75655)

**Better**

3Y Depot/CCI upgrade from 2Y Depot/CCI delivery (5WS0K75649)

**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 Weight Case color Case material	<i>WxDxH: 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm</i> 4.1 lb / 1.85 kg Granite black IMR, granite black texture, abyss blue IMR, dark orchid IMR or platinum grey IMR PC/ABS plastic
	Pentium Gold 5405U			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)							Camera		
								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"> <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	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"> <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 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s</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>							Fingerprint reader	None	
Optane Memory	<i>Optional:</i> 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, &amp; 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"> <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>	
								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>	
								Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant	

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

Lenovo  
August 2019

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