

# ideapad S145-15IWL 81MV00S0IX

**Product**

ideapad S145-15IWL

**Region**

WE

**Country/Region**

Italy

**Machine Type**

81MV

**Processor**

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

**Graphics**

Integrated Intel UHD Graphics 610

**Chipset**

Intel SoC Platform

**Memory**

8GB DIMM DDR4-2133

**Display**

15.6" HD (1366x768) 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**

Windows 10 Home 64

**Bundled Software**

Office Trial

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC**

193638196334

**End of Support**

2025-06-28

**Announce Date**

2019-05-28

---

**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.

**L** [WWW.LENOVO.COM](http://WWW.LENOVO.COM)

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2019. All rights reserved.



Lenovo™

# 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 Bluetooth™	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 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 4.1 lb / 1.85 kg Case color Black IMR, black texture, abyss blue IMR, dark orchid IMR or grey IMR Case material PC/ABS plastic	
	Pentium Gold 5405U			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	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)								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
Chipset	Intel SoC (System on Chip) platform 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								Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad Buttonless mylar surface multi-touch touchpad
Memory									Security Fingerprint reader	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset None
Display									Battery Max battery life	Integrated Li-ion 30Wh or 35Wh battery <i>MobileMark® 2014: 5.5 hr (30Wh) or 6 hr (35Wh)</i> <i>* Battery life varies significantly with settings, usage, &amp; other factors</i>
Multi-touch	None								AC adapter	45W or 65W round tip AC adapter
Storage	Up to 2 drives (one HDD and one M.2 SSD): <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>								Preload	Preloaded operating system <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> Preloaded applications (only some listed) <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>
Optane Memory	Optional: 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2								Limited warranty	One of the following, configurable by model: <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>
Optical	None								Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant
Ethernet	None									

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

Lenovo  
August 2019

Lenovo™

ideapad S145-15IWL

