

# ideapad S145-15IWL 81MV00ABUK

**Product**

ideapad S145-15IWL

**Region**

WE

**Country/Region**

UK Group

**Machine Type**

81MV

**Processor**

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

**Graphics**

Integrated Intel UHD Graphics 620

**Chipset**

Intel SoC Platform

**Memory**

4GB Soldered DDR4-2400 + 4GB SO-DIMM DDR4-2400

**Storage**

256GB SSD M.2 2280 SATA6Gb/s

**Optane Memory**

None

**Display**

15.6" 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**

Platinum Grey, IMR

**Keyboard**

Non-backlit, English (UK)

**Fingerprint Reader**

None

**TPM**

FW TPM 2.0

**Battery**

Integrated 30Wh

**Power Adapter**

45W Round Tip

**Operating System**

Windows 10 Home 64, English

**Bundled Software**

Office Trial

**Base Warranty**

1-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

193386649878

**End of Support**

2025-05-01

**Announce Date**

2019-04-01

 [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, 2020. 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   |            |              |                |                     |        |              | Dimensions             | WxDxH: 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm   |  |
|               | Processor Number   | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache  | Memory Types | Processor Graphics     | Weight   | 4.1 lb / 1.85 kg   |
|               | Celeron 4205U  | 2          | 4            | 1.8 GHz        | -                   | 2MB    | DDR4-2133    | Intel UHD Graphics 610 | Case color   | Granite black IMR, granite black texture, abyss blue IMR, dark orchid IMR or platinum grey IMR |
|               | Pentium Gold 5405U   |            |              | 2.3 GHz        | -                   |        |              |                        | Case material  | PC/ABS plastic   |
|               | i3-8145U   | 4          | 8            | 2.1 GHz        | 3.9 GHz             | 4MB    | DDR4-2400    | Intel UHD Graphics 620 | Media reader   | 4-in-1 media reader (MMC, SD, SDHC, SDXC)  |
| i5-8265U      | 1.6 GHz  |            |              | 3.9 GHz        | 6MB                 | 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   |  |
| i7-8565U      | 1.8 GHz  |            |              | 4.6 GHz        | 8MB                 | Camera |              |                        | 0.3MP, fixed focus, integrated monaural microphone   |  |
| 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)   |            |              |                |                     |        |              | 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        | 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  |            |              |                |                     |        |              | Touchpad               | Buttonless Mylar surface multi-touch touchpad  |  |
| Display       | One of the following, configurable by model:<br><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       | Up to 2 drives (one HDD and one M.2 SSD):<br><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 | Optional: 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       | MobileMark® 2014: 5.5 hr (30Wh) or 6 hr (35Wh)<br>* Battery life varies significantly with settings, usage, & other factors  |  |
| Ethernet      | None   |            |              |                |                     |        |              | AC adapter             | 45W or 65W round tip AC adapter  |  |
| WLAN          | 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card   |            |              |                |                     |        |              | Preload                | Preloaded operating system<br><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)<br><ul style="list-style-type: none"> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office 365 Personal</li> <li>Microsoft Office 365 Home</li> <li>Microsoft Office Home and Business 2019</li> <li>Microsoft Office Home and Student 2019</li> <li>Microsoft Office Professional 2019</li> <li>Microsoft Office Personal 2019</li> </ul> |  |
| Bluetooth™    | Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter  |            |              |                |                     |        |              | Limited warranty       | One of the following, configurable by model:<br><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  
March 2020

Lenovo™

# ideapad S145-15IWL

