

# ideapad S540-14IWL 81ND00DBGE

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Product  
ideapad S540-14IWL

Region  
WE

Country  
Germany

Machine Type  
81ND

Processor  
Core i7-8565U (4C / 8T, 1.8 / 4.6GHz, 8MB)

Graphics  
NVIDIA GeForce MX 250 2GB GDDR5

Chipset  
Intel SoC Platform

Memory  
4GB Soldered + 8GB DIMM DDR4-2400

Display  
14" FHD (1920x1080) IPS 250nits Anti-glare

Multi-touch  
None

Storage  
1TB SSD M.2 2280 PCIe NVMe

Optane Memory  
None

Optical  
None

Media Reader  
4-in-1

Ethernet  
None

WLAN + Bluetooth  
11ac, 1x1 + BT4.2

Color  
Mineral Grey

Camera  
720p

Microphone  
Dual Array

Keyboard  
Backlit

Fingerprint Reader  
Fingerprint Reader

TPM  
FW TPM 2.0

Battery  
Integrated 50Wh

Power Adapter  
65W Round Tip

Operating System  
Windows 10 Home 64

Bundled Software  
Office Trial

Warranty  
2-year, Depot

EAN / UPC  
193638231691

Announce Date  
2019-05-31

## 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.  
<https://www.lenovo.com/hk/en/battery-info>



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# ideapad S540-14IWL Platform Specifications

Product Specifications Reference (PSREF)

|             |                                                                                                                                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-------|--------------|------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor   | 8th Generation Intel® Core™ i3 / i5 / i7 Processor                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                        | Media reader Ports | 4-in-1 media reader (MMC, SD, SDHC, SDXC)<br>Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1, HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), AC power adapter jack, headphone / microphone combo jack<br><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     |                    |                                                                                                                                                                                                                                                                                                                                |
|             | i3-8145U                                                                                                                                                                                                                                                                                                                             | 2          | 4            | 2.1 GHz        | 3.9 GHz             | 4MB   | DDR4-2400    | Intel UHD Graphics 620 |                    |                                                                                                                                                                                                                                                                                                                                |
|             | i5-8265U                                                                                                                                                                                                                                                                                                                             | 4          | 8            | 1.6 GHz        | 3.9 GHz             | 6MB   |              |                        |                    |                                                                                                                                                                                                                                                                                                                                |
| i7-8565U    | 1.8 GHz                                                                                                                                                                                                                                                                                                                              |            |              | 4.6 GHz        | 8MB                 |       |              |                        |                    |                                                                                                                                                                                                                                                                                                                                |
| Graphics    | Intel UHD Graphics 620 in processor only, Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX 250 (2GB GDDR5 memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 3840x2160 @30Hz (HDMI)                                                                                  |            |              |                |                     |       |              |                        | Dimensions Weight  | WxDxH: 12.72" x 8.94" x 0.62"; 323mm x 227mm x 15.9mm<br>Display bezel plastic model: 3.3 lb / 1.5 kg<br>Display bezel glass model: 3.6 lb / 1.63 kg                                                                                                                                                                           |
| Chipset     | Intel SoC (System on Chip) platform<br>12GB max offering / 2400MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket                                                                                                                                                                                                 |            |              |                |                     |       |              |                        | Case color         | Abyss blue, copper or mineral grey                                                                                                                                                                                                                                                                                             |
| Memory      |                                                                                                                                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        | Case material      | Display cover: Aluminum<br>Display bezel: PC/ABS plastic or glass (glossy model)<br>Bottom: Aluminum                                                                                                                                                                                                                           |
| Display     | One of the following, configurable by model: <ul style="list-style-type: none"><li>14.0" (356mm) FHD (1920x1080), IPS, anti-glare or glossy, LED backlight, 250 nits, 16:9 aspect ratio, 45% gamut</li><li>14.0" (356mm) FHD (1920x1080), IPS, anti-glare or glossy, LED backlight, 300 nits, 16:9 aspect ratio, 72% gamut</li></ul> |            |              |                |                     |       |              |                        | Camera             | HD720p, 1.0MP resolution, with privacy shutter, fixed focus                                                                                                                                                                                                                                                                    |
| Multi-touch | None                                                                                                                                                                                                                                                                                                                                 |            |              |                |                     |       |              |                        | Audio support      | HD Audio, Dolby Audio™ Speaker System, stereo speakers, 2W x 2, dual array microphone, headphone / microphone combo jack                                                                                                                                                                                                       |
| Storage     | One of the following, configurable by model: <ul style="list-style-type: none"><li>M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCIe NVMe)</li><li>M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCIe NVMe)</li></ul>                                                                     |            |              |                |                     |       |              |                        | Keyboard           | 6-row, multimedia Fn keys, LED backlight                                                                                                                                                                                                                                                                                       |
| Optical     | None                                                                                                                                                                                                                                                                                                                                 |            |              |                |                     |       |              |                        | Touchpad           | Buttonless glass surface multi-touch touchpad                                                                                                                                                                                                                                                                                  |
| Ethernet    | None                                                                                                                                                                                                                                                                                                                                 |            |              |                |                     |       |              |                        | Security           | Power-on password, supervisor password                                                                                                                                                                                                                                                                                         |
| WLAN        | One of the following, configurable by model: <ul style="list-style-type: none"><li>802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card</li><li>802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 Card</li></ul>                                                                                                                                       |            |              |                |                     |       |              |                        | Security chip      | Firmware TPM 2.0 integrated in chipset                                                                                                                                                                                                                                                                                         |
| Bluetooth™  | Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter                                                                                                                                                                                                                                                                |            |              |                |                     |       |              |                        | Fingerprint reader | Touch style match on chip fingerprint reader on the keyboard bezel                                                                                                                                                                                                                                                             |
|             |                                                                                                                                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        | Battery            | Integrated Li-ion 45Wh or 50Wh battery                                                                                                                                                                                                                                                                                         |
|             |                                                                                                                                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        | Max battery life   | MobileMark® 2014: 10 hr (45Wh) or 12 hr (50Wh)<br><i>* Battery life varies significantly with settings, usage, &amp; other factors</i>                                                                                                                                                                                         |
|             |                                                                                                                                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        | AC adapter         | 65W round tip AC adapter, supports rapid charge (1 hour 80%)                                                                                                                                                                                                                                                                   |
|             |                                                                                                                                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        | Preload            | Preloaded operating system <ul style="list-style-type: none"><li>Windows® 10 Home 64</li></ul> Preloaded applications (only some listed) <ul style="list-style-type: none"><li>Microsoft Office Trial (with 30-day license)</li></ul>                                                                                          |
|             |                                                                                                                                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        | Limited warranty   | One of the following, configurable by model: <ul style="list-style-type: none"><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.

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