

# ideapad S340-14IWL 81N700TNGE

**Product**

ideapad S340-14IWL

**Region**

WE

**Country/Region**

Germany

**Machine Type**

81N7

**Processor**

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

**Graphics**

Integrated Intel UHD Graphics 610

**Chipset**

Intel SoC Platform

**Memory**

4GB Soldered DDR4-2400

**Display**

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

**Multi-touch**

None

**Storage**

128GB SSD M.2 2242 PCIe 3.0x2 NVMe

**Optane Memory**

None

**Optical**

None

**Media Reader**

4-in-1

**Ethernet**

None

**WLAN + Bluetooth**

11ac, 1x1 + BT4.2

**Color**

Platinum Grey

**Camera**

720p

**Microphone**

2x, Array

**Keyboard**

Non-backlit, German

**Fingerprint Reader**

None

**TPM**

FW TPM 2.0

**Battery**

Integrated 52.5Wh

**Power Adapter**

65W Round Tip

**Operating System**

Windows 10 Home in S mode, German

**Bundled Software**

Office Trial

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC**

193638879213

**End of Support**

2025-08-11

**Announce Date**

2019-07-11

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**Recommended Services****Best**

3Y Onsite upgrade from 2Y Depot/CCI delivery  
(5WS0K75731)

**Better**

3Y Depot/CCI upgrade from 2Y Depot/CCI delivery  
(5WS0K75717)

**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 S340-14IWL Platform Specifications

Product Specifications Reference (PSREF)

|                    |                                                                                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-------|--------------|------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)<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     |                    |                                                                                                                                                                                                                                                                                                                                                                                          |
|                    | Pentium Gold 5405U                                                                                                                                                                                                                                                                                                                                                                | 2          | 4            | 2.3 GHz        | -                   | 2MB   | DDR4-2133    | Intel UHD Graphics 610 |                    |                                                                                                                                                                                                                                                                                                                                                                                          |
|                    | i3-8145U                                                                                                                                                                                                                                                                                                                                                                          |            |              | 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 610 / 620 in processor only, Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX110 / MX230, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)                                                                                                                    |            |              |                |                     |       |              |                        | Camera             | HD720p (1.0MP) with privacy shutter, fixed focus                                                                                                                                                                                                                                                                                                                                         |
| Chipset            | Intel SoC (System on Chip) platform<br>8GB max offering / 2400MHz DDR4, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket<br><i>*System clocks down for processors with lower memory controller</i>                                                                                                                                                            |            |              |                |                     |       |              |                        | Audio support      | HD Audio, Dolby Audio™, stereo speakers, 2W x 2, dual array microphone or monaural microphone, headphone / microphone combo jack                                                                                                                                                                                                                                                         |
| Memory             |                                                                                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                        | Keyboard           | 6-row, multimedia Fn keys, optional LED backlight                                                                                                                                                                                                                                                                                                                                        |
| Display            | One of the following, configurable by model: <ul style="list-style-type: none"><li>14.0" (356mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li><li>14.0" (356mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li><li>14.0" (356mm) FHD (1920x1080), IPS, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio</li></ul> |            |              |                |                     |       |              |                        | Touchpad           | Buttonless mylar surface multi-touch touchpad                                                                                                                                                                                                                                                                                                                                            |
|                    |                                                                                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                        | Security           | Power-on password, hard disk password, supervisor password                                                                                                                                                                                                                                                                                                                               |
| Multi-touch        | None                                                                                                                                                                                                                                                                                                                                                                              |            |              |                |                     |       |              |                        | Security chip      | Firmware TPM 2.0 integrated in chipset                                                                                                                                                                                                                                                                                                                                                   |
|                    |                                                                                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                        | Fingerprint reader | None                                                                                                                                                                                                                                                                                                                                                                                     |
| 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>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></ul> Optional: 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2 External DVD burner, 9.5mm high                |            |              |                |                     |       |              |                        | Battery            | Integrated Li-ion 36Wh or 52.5Wh battery, supports rapid charge (1 hour 80%)                                                                                                                                                                                                                                                                                                             |
|                    |                                                                                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                        | Max battery life   | MobileMark® 2014: 10 hr<br><i>* Battery life varies significantly with settings, usage, &amp; other factors</i>                                                                                                                                                                                                                                                                          |
| Optane Memory      | None                                                                                                                                                                                                                                                                                                                                                                              |            |              |                |                     |       |              |                        | AC adapter         | 45W or 65W round tip AC adapter                                                                                                                                                                                                                                                                                                                                                          |
|                    |                                                                                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                        | 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 Home and Business 2019</li><li>Microsoft Office Home and Student 2019</li><li>Microsoft Office Trial (with 30-day license)</li></ul> |
| Optical (optional) | None                                                                                                                                                                                                                                                                                                                                                                              |            |              |                |                     |       |              |                        | 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>                                                                                                                                                                                                                |
| Ethernet           |                                                                                                                                                                                                                                                                                                                                                                                   |            |              |                |                     |       |              |                        | Environment        | ENERGY STAR® 7.0; ErP lot3; RoHS-compliant                                                                                                                                                                                                                                                                                                                                               |
| 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>                                                                                                                                                                                    |            |              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                          |
| Bluetooth™         | Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter                                                                                                                                                                                                                                                                                                             |            |              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                          |

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

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