

# ideapad L340-17IRH Gaming 81LL004SGE

WithDraw  
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Product  
ideapad L340-17IRH Gaming

Region  
WE

Country  
Germany

Machine Type  
81LL

Processor  
Core i5-9300H (4C / 8T, 2.4 / 4.1GHz, 8MB)

Graphics  
NVIDIA GeForce GTX 1050 3GB GDDR5

Chipset  
Intel HM370

Memory  
8GB DIMM DDR4-2400

Display  
17.3" FHD (1920x1080) IPS 300nits Anti-glare

Multi-touch  
None

Storage  
128GB SSD M.2 2242 PCIe 3.0x2 NVMe + 1TB HDD  
5400rpm 2.5"

Optane Memory  
None

Optical  
None

Media Reader  
None

Ethernet  
100/1000M

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

Color  
Black

Camera  
720p

Microphone  
Dual Array

Keyboard  
Backlit

Fingerprint Reader  
None

TPM  
FW TPM 2.0

Battery  
Integrated 45Wh

Power Adapter  
135W Slim Tip

Operating System  
None

Bundled Software  
None

Warranty  
2-year, Depot

EAN / UPC  
193638062332

Announce Date  
2019-05-13

## 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 L340-17IRH Gaming Platform Specifications

Product Specifications Reference (PSREF)

|               |                                                                                                                                                                                                                                                                                                                                    |            |                                              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                 |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------|----------------|---------------------|-------|--------------|------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor     | 9th Generation Intel® Core™ i5 / i7 Processor                                                                                                                                                                                                                                                                                      |            |                                              |                |                     |       |              |                        | Dimensions         | WxDxH: 16.26" x 11.2" x 0.99"; 413mm x 284.7mm x 25.3mm                                                                                                                                                         |
|               | Processor Number                                                                                                                                                                                                                                                                                                                   | # of Cores | # of Threads                                 | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics     | Weight             | 6.13 lb / 2.78 kg                                                                                                                                                                                               |
|               | i5-9300H                                                                                                                                                                                                                                                                                                                           | 4          | 8                                            | 2.4 GHz        | 4.1 GHz             | 8MB   | DDR4-2666    | Intel UHD Graphics 630 | Case color         | Black or gradient                                                                                                                                                                                               |
|               | i7-9750H                                                                                                                                                                                                                                                                                                                           | 6          | 12                                           | 2.6 GHz        | 4.5 GHz             | 12MB  |              |                        | Case material      | PC/ABS plastic                                                                                                                                                                                                  |
| Graphics      | Integrated Graphics                                                                                                                                                                                                                                                                                                                |            | Discrete Graphics (Memory)                   |                |                     |       |              |                        | Camera             | 720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone                                                                                                                       |
|               | Intel UHD Graphics 630                                                                                                                                                                                                                                                                                                             |            | NVIDIA® GeForce® GTX 1050 (3GB GDDR5 memory) |                |                     |       |              |                        | Audio support      | HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack                                                                                                     |
|               |                                                                                                                                                                                                                                                                                                                                    |            | NVIDIA GeForce GTX 1650 (4GB GDDR5 memory)   |                |                     |       |              |                        | Keyboard           | 6-row, multimedia Fn keys, numeric keypad, optional blue backlight                                                                                                                                              |
|               | supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 4096x2160@60Hz (HDMI)                                                                                                                                                                                                         |            |                                              |                |                     |       |              |                        | Touchpad           | Buttonless mylar surface multi-touch touchpad                                                                                                                                                                   |
| Chipset       | Mobile Intel HM370 Chipset                                                                                                                                                                                                                                                                                                         |            |                                              |                |                     |       |              |                        | Security           | Power-on password, hard disk password, supervisor password, security keyhole                                                                                                                                    |
| Memory        | 16GB max offering / 2400MHz DDR4, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket                                                                                                                                                                                                                             |            |                                              |                |                     |       |              |                        | Security chip      | Firmware TPM 2.0 integrated in chipset                                                                                                                                                                          |
| Display       | One of the following, configurable by model: <ul style="list-style-type: none"><li>17.3" (439mm) HD+ (1600x900), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 60% gamut</li><li>17.3" (439mm) FHD (1920x1080), IPS, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 72% gamut</li></ul>                         |            |                                              |                |                     |       |              |                        | Fingerprint reader | None                                                                                                                                                                                                            |
| Multi-touch   | None                                                                                                                                                                                                                                                                                                                               |            |                                              |                |                     |       |              |                        | Battery            | Integrated Li-ion 45Wh battery                                                                                                                                                                                  |
| Storage       | Up to 2 drives (one HDD and M.2 SSD / Optane Memory): <ul style="list-style-type: none"><li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm</li><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> |            |                                              |                |                     |       |              |                        | Max battery life   | MobileMark® 2014: 9 hr<br><i>* Battery life varies significantly with settings, usage, &amp; other factors</i>                                                                                                  |
| Optane Memory | Optional 16GB Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2                                                                                                                                                                                                                                                           |            |                                              |                |                     |       |              |                        | AC adapter         | 135W slim tip AC adapter, supports rapid charge (1 hour 80%)                                                                                                                                                    |
| Optical       | None                                                                                                                                                                                                                                                                                                                               |            |                                              |                |                     |       |              |                        | Preload (opt)      | Preloaded operating system <ul style="list-style-type: none"><li>Windows® 10 Home 64</li><li>Preloaded applications (only some listed)</li><li>Microsoft Office Trial (with 30-day license)</li></ul>           |
| Ethernet      | Gigabit Ethernet connection                                                                                                                                                                                                                                                                                                        |            |                                              |                |                     |       |              |                        | 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> |
| 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>                                                                                                                                     |            |                                              |                |                     |       |              |                        | Environment        | ENERGY STAR® 7.0; ErP lot3; RoHS-compliant                                                                                                                                                                      |
| Bluetooth™    | Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter                                                                                                                                                                                                                                                              |            |                                              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                 |
| Media reader  | None                                                                                                                                                                                                                                                                                                                               |            |                                              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                 |
| Ports         | Two USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1, HDMI 2.0, Ethernet (RJ-45), security keyhole, 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>                                                                          |            |                                              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                 |

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

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May 2019

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