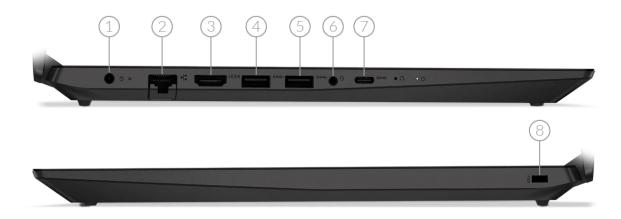


OVERVIEW



| 1. Power connector | 5. USB 3.1 Gen 1 | | | |
|---------------------|---|--|--|--|
| 2. Ethernet (RJ-45) | 6. Headphone / microphone combo jack (3.5mm | | | |
| 3. HDMI 2.0 | 7. USB-C 3.1 Gen 1 (data transfer only) | | | |
| 4. USB 3.1 Gen 1 | 8. Kensington Security Slot | | | |



PERFORMANCE

Processor

Processor Family

9th Generation Intel® Core™ i5 / i7 Processor

Processor

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Memory Support | Processor Graphics | |
|----------------|-------|---------|----------------|---------------|-------|----------------|------------------------|--|
| Core i5-9300H | 4 | 8 | 2.4GHz | 4.1GHz | 8MB | DDR4-2666 | Intel UHD Graphics 630 | |
| Core i5-9300HF | 4 | 8 | 2.4GHz | 4.1GHz | 8MB | DDR4-2666 | - | |
| Core i7-9750H | 6 | 12 | 2.6GHz | 4.5GHz | 12MB | DDR4-2666 | Intel UHD Graphics 630 | |
| Core i7-9750HF | 6 | 12 | 2.6GHz | 4.5GHz | 12MB | DDR4-2666 | - | |

Operating System

Operating System

- Windows® 10 Home 64
- Windows 10 Pro 64
- FreeDOS

Graphics

Graphics

| Graphics | Туре | Memory | Key Features | |
|---------------------------|----------|-----------|--------------|--|
| NVIDIA® GeForce® GTX 1050 | Discrete | 3GB GDDR5 | DirectX® 12 | |
| NVIDIA GeForce GTX 1650 | Discrete | 4GB GDDR5 | DirectX 12 | |

Monitor Support

Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI® (up to 4096x2160@60Hz)

Chipset

Chipset

Intel HM370 chipset

Memory

Max Memory[1]

- Up to 16GB (16GB SO-DIMM) DDR4-2400 offering
- 4GB soldered memory, not upgradable

Memory Slots

- · One DDR4 SO-DIMM slot
- One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

Memory Type

DDR4-2400

Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

Storage

Storage Support

Up to 2 drives, 1x 2.5" HDD + 1x M.2 2242/2280 SSD

- 2.5" HDD up to 2TB
- M.2 2242 SSD up to 512GB
- M.2 2280 SSD up to 1TB
- Optional Intel Optane $^{\text{\tiny{IM}}}$ Memory or Optane Memory integrated with SSD, M.2



Storage Type

| Disk Type | Interface | RPM | Security |
|--|------------------------|------|----------|
| 2.5" SATA HDD | SATA 6Gb/s | 5.4K | - |
| M.2 2242 SSD | PCIe NVMe, PCIe 3.0 x2 | - | - |
| M.2 2280 SSD | PCIe NVMe, PCIe 3.0 x4 | - | - |
| Intel Optane Memory with Solid State Storage, M.2 2280 | PCIe NVMe, PCIe 3.0 x4 | - | - |

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

Microphone

Dual array microphone

Camera

720p, with privacy shutter, fixed focus

Battery

Battery

Integrated Li-Polymer 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life[1]

MobileMark® 2014: 9 hr

Notes:

Power Adapter

Power Adapter

135W slim tip AC adapter

DESIGN

Display

Display[1]

| Size | Resolution | Touch | Туре | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features |
|-------|--------------------|-------|------|------------|----------------|-----------------|-------------------|----------------|------------------|-----------------|
| 15.6" | FHD (1920x1080) | None | TN | 220 nits | Anti- glare | 16:9 | - | - | - | - |
| 15.6" | FHD (1920x1080) | None | IPS | 250 nits | Anti- glare | 16:9 | - | - | - | - |

Touchscreen

Non-touch

^{1.} All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, and/or JEITA 2.0 battery-life benchmark tests. Actual battery life will vary and depends on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

ideapad L340-15IRH Gaming



Notes:

1. California Electronic Waste Recycling Fee
In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product.
For more information, go to https://www.calrecycle.ca.gov/Electronics/Consumer

Input Device

Keyboard

6-row, multimedia Fn keys, numeric keypad

Keyboard Backlight

Blue LED backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad

Mechanical

Dimensions (WxDxH)

363 x 254.6 x 23.9 mm (14.29 x 10.02 x 0.94 inches)

Weight

2.19kg (4.83 lbs)

Case Color

- Gradient
- · Granite black

Surface Treatment

- IMR
- NCVM IMR

Case Material

PC + ABS (top), PC + ABS (bottom)

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet

WLAN + Bluetooth™

- 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 card
- 802.11ac 2x2 Wi-Fi + Bluetooth 4.2, M.2 card

Ports¹¹

Standard Ports[2]

- 2x USB 3.1 Gen 1
- 1x USB-C 3.1 Gen 1 (support data transfer only)
- 1x HDMI 2.0
- 1x Ethernet (RJ-45)
- 1x headphone / microphone combo jack (3.5mm)
- 1x power connector

Notes:

1. The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed. USB 2.0: 480 Mbit/s;

USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formely USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;

USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formely USB 3.1 Gen 2): 10 Gbit/s;

USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

Thunderbolt™ 3: 40 Gbit/s;

FireWire 400: 400 Mbit/s;

FireWire 800: 800 Mbit/s

2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

SECURITY & PRIVACY



Security

Security Chip

Firmware TPM 2.0 integrated in chipset

Physical Locks

Kensington® Security Slot

Fingerprint Reader

No fingerprint reader

BIOS Security

- Power-on password
- Supervisor password
- · Hard disk password

Other Security

Camera privacy shutter

SERVICE

Warranty

Base Warranty

- 1-year mail-in service
- 1-year depot service
- 2-year (1-yr battery) depot service

ENVIRONMENTAL

Operating Environment

Temperature

- At altitudes up to 2438 m (8,000 ft)
 - Operating: 5°C to 35°C (41°F to 95°F)
 - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
 - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

CERTIFICATIONS

Green Certifications

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- · RoHS compliant























