

**OVERVIEW**



1. USB 3.2 Gen 1	5. USB 3.2 Gen 1
2. Power connector	6. USB-C 3.2 Gen 1
3. Ethernet (RJ-45)	7. Headphone / microphone combo jack (3.5mm)
4. HDMI 2.0	8. NOVO button hole

## PERFORMANCE

### Processor

#### Processor Family

10th Generation Intel® Core™ i5 / i7 Processor

### Monitor Support

#### Monitor Support

Supports up to 2 independent displays (native display and 1 external monitor via HDMI®)

- HDMI supports up to 4096x2160@60Hz

### Memory

#### Max Memory<sup>[1]</sup>

Up to 16GB DDR4-2933 offering

#### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

#### 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 two drives, 1x 2.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 1TB
- M.2 2242 SSD up to 512GB
- M.2 2280 SSD up to 512GB

### Multi-Media

#### Audio Chip

High Definition (HD) Audio

#### Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

### Battery

#### Max Battery Life<sup>[1]</sup>

MobileMark® 2014: 9.6 hr

#### Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) 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.

## DESIGN

### Input Device

#### Keyboard

6-row, multimedia Fn keys, numeric keypad

#### Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP)

### Mechanical

#### Dimensions (WxDxH)

Models	Dimensions
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All models	359 x 249.6 x 24.9 mm (14.13 x 9.83 x 0.98 inches)
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**Weight<sup>[1]</sup>**

Models	Weight
All models	2.2 kg (4.8 lbs)

## Notes:

1. The system weight varies depending on configurations.

## CONNECTIVITY

### Network

**Onboard Ethernet**

Gigabit Ethernet

**Ports<sup>[1]</sup>****Standard Ports**

- 2x USB 3.2 Gen 1
- 1x USB-C 3.2 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, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;  
USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly 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

## SECURITY & PRIVACY

### Security

**Physical Locks**

No physical locks

**BIOS Security**

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

**Other Security**

Camera privacy shutter

## ENVIRONMENTAL

### Operating Environment

**Temperature<sup>[1]</sup>**

- 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)

## Notes:

1. When you charge the battery, its temperature must be no lower than 10°C (50°F).

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

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

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