

## OVERVIEW



1. Power connector	5. Card reader
2. HDMI	6. USB 3.2 Gen 1
3. USB-C 3.2 Gen 2 / Thunderbolt 3	7. USB 3.2 Gen 1 (Always On)
4. Headphone / microphone combo jack (3.5mm)	8. Power button

## PERFORMANCE

### Processor

#### Processor Family

10th Generation Intel® Core™ i5 / i7 Processor

### Operating System

#### Operating System\*\*

- Windows® 10 Pro 64
- Windows 10 Home 64

### Monitor Support

#### Monitor Support

Supports up to 3 independent displays (native display and 2 external monitors via HDMI® and Thunderbolt™)

- HDMI supports up to 4096x2160@60Hz
- Thunderbolt supports up to 7680x4320@60Hz

### Chipset

#### Chipset

Intel HM470 chipset

### Memory

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

16GB soldered memory, not upgradable

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

#### Memory Type

DDR4-2933

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

One drive, up to 1TB M.2 2280 SSD

#### Storage Type

Disk Type	Interface
M.2 2280 SSD	PCIe® NVMe®, PCIe 3.0 x4

#### Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

### Removable Storage

#### Optical

None

#### Card Reader

4-in-1 card reader (SD, SDHC, SDXC, MMC)

### Multi-Media

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

#### Speakers

Stereo speakers, 2W x3, optimized with Dolby® Atmos®

### Microphone

Dual array microphone

### Camera

IR & HD 720p hybrid, fixed focus, with ToF sensor

## Sensor

### Sensors

- Ambient light sensor (ALS)
- Hall sensor
- ToF sensor

## Battery

### Battery

Integrated Li-Polymer 70Wh battery, supports Rapid Charge Express (get 3 hours of runtime with a 15-minute charge)

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

MobileMark® 2014: 13 hr

Local video (1080p) playback@150nits: 16 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.

## Power Adapter

### Power Adapter<sup>[1]</sup>

135W slim tip (3-pin) AC adapter, 100-240V, 50-60Hz

#### Notes:

1. AC adapter offerings depend on the country.

## DESIGN

## Display

### Display<sup>\*\*[1]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
15.6"	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	-	100% sRGB	-	-
15.6"	FHD (1920x1080)	None	IPS	300 nits	Glossy	16:9	-	100% sRGB	-	-

### Touchscreen

Non-touch

#### 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

LED backlight

### Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 70 x 105 mm (2.76 x 4.13 inches)

## Mechanical<sup>[1]</sup>

### Dimensions (WxDxH)

Models	Dimensions
Bezel models	356.6 x 229.4 x 17.5 mm (14.03 x 9.03 x 0.68 inches)
Glass models	356.6 x 229.4 x 17.2 mm (14.03 x 9.03 x 0.67 inches)

### Weight

Models	Weight
Bezel models	Around 1.8 kg (3.97 lbs)
Glass models	Around 1.95 kg (4.30 lbs)

### Case Color

Slate grey

### Surface Treatment

Anodizing sandblasting

### Case Material

Aluminium (top), aluminium (bottom)

#### Notes:

- The system dimensions and weight vary depending on configurations.

## CONNECTIVITY

### Network

#### Ethernet

No Ethernet

#### WLAN + Bluetooth<sup>[1]</sup>

Wi-Fi<sup>®</sup> 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 card

#### Notes:

- Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

### Ports<sup>[1]</sup>

#### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C<sup>®</sup> 3.2 Gen 2 / Thunderbolt 3 (support data transfer, Power Delivery 3.0, and DisplayPort<sup>™</sup> 1.4)
- 1x HDMI 2.0b
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

#### Notes:

- 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 3/4: 40 Gbit/s

## SECURITY & PRIVACY

### Security

**Security Chip**

Firmware TPM 2.0 integrated in chipset

**Fingerprint Reader**

- Touch style fingerprint reader on power button
- No fingerprint reader

**BIOS Security**

- Administrator password
- User password
- Master hard disk password
- User hard disk password

**Other Security**

IR camera for Windows Hello

## SERVICE

### Warranty

**Base Warranty<sup>[1]</sup>**

1-year courier or carry-in service

**Notes:**

1. More information of warranty policy, please access <https://pcsupport.lenovo.com/warranty>

## 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

- Feature with \*\* means that only one offering listed under the feature is configured on selected models.
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