

**OVERVIEW**



|                             |  |
|-----------------------------|--|
| 1. Kensington Security Slot | 4. Headphone / microphone combo jack (3.5mm) |
| 2. USB-C 2.0                | 5. MicroSD card slot                         |
| 3. USB 2.0                  |  |

## PERFORMANCE

### Processor

#### Processor Family

MediaTek Processor

#### Processor

| Processor Name  | Cores                      | Threads | Base Frequency | Max Frequency           | Cache | Memory Support | Processor Graphics   |
|-----------------|----------------------------|---------|----------------|-------------------------|-------|----------------|----------------------|
| MediaTek MT8183 | Octa-core: 4x A73 + 4x A53 | 8       | -              | A73@2.0GHz / A53@2.0GHz | -     | LPDDR4x        | ARM Mali-G72 MP3 GPU |

### Operating System

#### Operating System

Google Chrome OS

### Graphics

#### Graphics

| Graphics             | Type       | Memory | Key Features |
|----------------------|------------|--------|--------------|
| ARM Mali-G72 MP3 GPU | Integrated | Shared | -            |

### Monitor Support

#### Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via USB-C (up to 1920x1080@60Hz)

### Chipset

#### Chipset

MediaTek SoC (System on Chip) platform

### Memory

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

- 4GB soldered memory, not upgradable
- 8GB soldered memory, not upgradable

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

#### Memory Type<sup>[2]</sup>

LPDDR4x-1866

#### 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.
2. Installed memory is actually 2400MHz but run at 1866MHz due to processor limitation

### Storage

#### Storage Support

- 32GB eMMC 5.1 on systemboard
- 64GB eMMC 5.1 on systemboard
- 128GB eMMC 5.1 on systemboard

#### Storage Type

| Disk Type    | Interface | RPM | Security |
|--------------|-----------|-----|----------|
| Flash Memory | eMMC 5.1  | -   | -        |

### Removable Storage

#### Optical

None

**Card Reader**

MicroSD card reader

**Multi-Media****Audio Chip**

High Definition (HD) Audio, Maxim MAX98357A Dialog DA7219 codec

**Speakers**

Stereo speakers, 2W x2

**Microphone**

Dual array microphone

**Camera**

720p, with camera shutter, fixed focus

**Battery****Battery**

Integrated Li-Polymer 42Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

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

Google power load test: 16 hr

**Notes:**

- 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.

**Power Adapter****Power Adapter**

45W USB-C (3-pin) AC adapter

**DESIGN****Display****Display<sup>[1]</sup>**

| Size  | Resolution      | Touch       | Type | Brightness | Surface    | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features |
|-------|-----------------|-------------|------|------------|------------|--------------|----------------|-------------|---------------|--------------|
| 14.0" | HD (1366x768)   | None        | TN   | 220 nits   | Anti-glare | 16:9         | 400:1          | 45% NTSC    | 90°           | -            |
| 14.0" | FHD (1920x1080) | None        | TN   | 220 nits   | Anti-glare | 16:9         | 400:1          | 45% NTSC    | 90°           | -            |
| 14.0" | FHD (1920x1080) | Multi-touch | IPS  | 300 nits   | Anti-glare | 16:9         | 800:1          | 45% NTSC    | 170°          | -            |

**Touchscreen**

- On-cell touch, supports 10-point touch
- Non-touch

**Notes:**

- 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**

Chrome keyboard, 6-row

**Keyboard Backlight**

No support

### Touchpad

Buttonless Mylar® surface multi-touch touchpad

## Mechanical

### Dimensions (WxDxH)

336 x 221 x 18.6 mm (13.23 x 8.7 x 0.73 inches)

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

1.3 kg (2.87 lbs)

### Case Color

- Abyss blue, dual-tone design
- Arctic grey, dual-tone design

### Surface Treatment

Texture painting

### Case Material

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

#### Notes:

1. The system weight varies depending on configurations

## CONNECTIVITY

### Network

#### Onboard Ethernet

No Ethernet

#### WLAN + Bluetooth®

802.11ac 2x2 Wi-Fi® + Bluetooth 4.2

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

#### Standard Ports<sup>[2]</sup>

- 1x USB 2.0
- 1x USB-C 2.0 (support data transfer, Power Delivery 2.0 and DisplayPort™ 1.1a)
- 1x microSD card slot
- 1x Headphone / microphone combo jack (3.5mm)

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

## SECURITY & PRIVACY

### Security

#### Security Chip

Google Security Chip H1

#### Physical Locks

Kensington® Security Slot

#### Fingerprint Reader

No fingerprint reader

**BIOS Security**

No support

**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<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

