# OVERVIEW

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Card slot</td>
</tr>
<tr>
<td>2</td>
<td>Volume button</td>
</tr>
<tr>
<td>3</td>
<td>Power button</td>
</tr>
<tr>
<td>4</td>
<td>Micro-USB 2.0</td>
</tr>
</tbody>
</table>

**Notes:**
- Card slot is for microSD card (WLAN model) or nano-SIM + microSD card (WWAN model)
## PERFORMANCE

### Processor

**Processor Family**
MediaTek Processor

**Processor**

<table>
<thead>
<tr>
<th>Processor Name</th>
<th>Cores</th>
<th>Max Frequency</th>
<th>Memory Support</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>MediaTek MT8166</td>
<td>ARM Cortex A53 Quad-core</td>
<td><a href="mailto:A53@2.0GHz">A53@2.0GHz</a></td>
<td>LPDDR4x</td>
<td>IMG PowerVR GE8300 GPU</td>
</tr>
<tr>
<td>MediaTek MT8766</td>
<td>ARM Cortex A53 Quad-core</td>
<td><a href="mailto:A53@2.0GHz">A53@2.0GHz</a></td>
<td>LPDDR4x</td>
<td>IMG PowerVR GE8300 GPU</td>
</tr>
</tbody>
</table>

### Operating System

**Operating System**

Android™ 11 (Go edition) or later

Notes:

1. Lenovo® tablets typically receive at least 1 Android OS upgrade cycle. May vary depending on models, countries, regions, retailers or operators. Please contact Lenovo support for more details.

### Graphics

**Graphics**

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMG PowerVR GE8300 GPU</td>
<td>Integrated</td>
<td>Shared</td>
<td>-</td>
</tr>
</tbody>
</table>

### Chipset

**Chipset**

MediaTek SoC (System on Chip) platform

### Memory

**Memory Type**

LPDDR4x

### Storage

**Storage Support**

- 32GB eMCP4x on system board
- MicroSD card, supports FAT32 file up to 128GB, exFAT file up to 2TB

**Storage Type**

<table>
<thead>
<tr>
<th>Disk Type</th>
<th>Interface</th>
<th>Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Memory</td>
<td>eMMC 5.1</td>
<td>32GB</td>
</tr>
</tbody>
</table>

### Removable Storage

**Card Reader**

- MicroSD card slot (WLAN model)
- Nano-SIM + microSD card slot (WWAN model)

### Multi-Media

#### Speakers

Single front speaker, Dolby® Audio™

#### Microphone

Single microphone

#### Camera

- Front 2.0-megapixel RGB, fixed focus, rear 2.0-megapixel RGB, fixed focus
- Front 2.0-megapixel RGB, fixed focus, rear 5.0-megapixel RGB, fixed focus
VoiceCall
- LTE voice call
- No support

Sensor
Vibration Motor
Eccentric Rotating Mass (ERM)

Sensors
Accelerometer (G) sensor

Battery
Battery
Integrated Li-Polymer 3750mAh (minimum) / 3850mAh (typical) battery

Max Battery Life
- Standby time: 2 wks
- Online video playback time: 10 hr
- Browsing time: 10 hr

Charging Time
Less than 4 hr to fully charged

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
5V/2A (10W) micro-USB 2.0 AC adapter

DESIGN
Display

<table>
<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Touch</th>
<th>Type</th>
<th>Brightness</th>
<th>Surface</th>
<th>Aspect Ratio</th>
<th>Contrast Ratio</th>
<th>Color Gamut</th>
<th>Viewing Angle</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>7”</td>
<td>HD (1024x600)</td>
<td>Multi-touch</td>
<td>IPS</td>
<td>350 nits (supports 400 nits via SW solution)</td>
<td>Glossy</td>
<td>-</td>
<td>-</td>
<td>50% NTSC</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Touchscreen
Capacitive-type multi-touch, supports 5-point 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.carecycle.ca.gov/Electronics/Consumer

Input Device
Pen
No support

Mechanical
Dimensions (WxDxH)

| Models | Dimensions |
All models | 176.18 x 102.28 x 8.3 mm (6.93 x 4.02 x 0.32 inches)

**Weight**

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>236.9 g (0.52 lbs)</td>
</tr>
</tbody>
</table>

**Case Color**

Iron grey

**Case Material**

PC + ABS + metal for back cover

**Buttons**

- Power button
- Volume button

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**CONNECTIVITY**

**Network**

**WLAN + Bluetooth®**

802.11ac Dual-Band 1x1 Wi-Fi® + Bluetooth 5.0

**WWAN**

- 4G LTE
- No support

**Cellular Bands**

GSM: B2/B3/B5/B8
FDD LTE: B1/B2/B3/B4/B5(B19)/B7/B8/B19/B20/B28(a+b)
TDD LTE: B38/B40/B41(Full Band)

**Wi-Fi Direct**

Support (Miracast®)

**Wi-Fi Display**

Support

**FM Radio**

FM Radio

**Location Services**

<table>
<thead>
<tr>
<th>Models</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLAN model</td>
<td>GPS</td>
</tr>
<tr>
<td>WWAN model</td>
<td>GPS + GLONASS + A-GPS</td>
</tr>
</tbody>
</table>

**Notes:**

1. Except for Japan

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**Ports**

**Standard Ports**

- 1x Micro-USB 2.0 (support data transfer and Power Delivery)
- 1x Headphone / microphone combo jack (3.5mm)

**Optional Ports**

- 1x Nano-SIM & microSD card slot (WWAN model)
- 1x microSD card slot (WLAN model)

**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

SERVICE

Warranty

Base Warranty**

- 1-year carry-in service
- 1-year mail-in service
- 1-year depot service
- 1-year Customer Replaceable Unit (CRU) service
- 2-year (1-yr battery) carry-in service
- 2-year (1-yr battery) mail-in service
- 2-year (1-yr battery) Customer Replaceable Unit (CRU) service
- 2-year (2-yr battery) carry-in service
- 2-year (2-yr battery) depot or carry-in service

ENVIRONMENTAL

Operating Environment

Temperature
Operating: 0°C (32°F) to 40°C (104°F)

Humidity
Maximum humidity: 95%, 39°C (102.2°F)

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

ACCESSORIES

Bundled Accessories

Bundled Accessories***

- Kids bumper
- Protect cover and film
- None

SOFTWARE

Preinstalled Software

Preinstalled Software

- Google One
- Recorder
- YouTube Music
- Google Play
- Google Play Books
- Google Play Games
- Yandex (RU only)
- YouTube
- Gmail
- Google Assistant Go
- Google Calendar
- Google Camera Go
- Google Chrome
- Contacts
- Files by Google
- Gallery Go by Google Photos
• Calculator
• Clock
• Google Duo
• Google Entertainment Space
• Google Maps
• Kids Space

CERTIFICATIONS

Green Certifications

Green Certifications
• ENERGY STAR® 8.0
• RoHS compliant

Other Certifications

Other Certifications
TÜV Rheinland® Low Blue Light (Software Solution)

• Feature with ** means that only one offering listed under the feature is configured on selected models.
• Feature with *** means that one or more offerings listed under the feature could be configured on selected models.

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