OVERVIEW

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pogo pin connector (2-point)</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>Card slot</td>
</tr>
<tr>
<td>5</td>
<td>USB-C 2.0</td>
</tr>
<tr>
<td>6</td>
<td>Headphone / microphone combo jack (3.5mm)</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 Helio P22T</td>
<td>ARM Cortex A53 Octa-core</td>
<td><a href="mailto:A53@2.3GHz">A53@2.3GHz</a> / <a href="mailto:A53@1.8GHz">A53@1.8GHz</a></td>
<td>LPDDR4X</td>
<td>IMG PowerVR GE8320 GPU</td>
</tr>
</tbody>
</table>

**Operating System**

**Operating System™**
Android™ 10 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 GE8320 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 systemboard
- 64GB eMCP4x on systemboard
- MicroSD card, supports FAT32 file up to 256GB, exFAT file up to 1TB

**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 / 64GB</td>
</tr>
</tbody>
</table>

**Removable Storage**

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

**Multi-Media**

**Speakers**
2 side speakers, optimized with Dolby® Atmos®

**Microphone**
Dual array microphone (with dedicated DSP)

**Camera**
Front 5.0-megapixel RGB, fixed focus, 2D face recognition unlock, rear 8.0-megapixel RGB, autofocus
VoiceCall
- LTE voice call
- No support

Sensor
Vibration Motor
Eccentric Rotating Mass (ERM)

Sensors
- Accelerometer (G) sensor
- Proximity (P) sensor
- Ambient light sensor (ALS)
- Hall sensor

Battery
Battery
Integrated Li-Polymer 5000mAh (minimum) / 5100mAh (typical)

Max Battery Life[1]
Standby time: 700 hr
Online video playback time: 8 hr
Talk time: 8 hr (WWAN model)
Browsing time: 10hr

Charging Time
Over 4.5 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) USB-C AC adapter

DESIGN
Display

<table>
<thead>
<tr>
<th>Size</th>
<th>Resolution</th>
<th>Touch 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>10.1” HD (1280x800)</td>
<td>Multi-touch</td>
<td>IPS</td>
<td>400 nits</td>
<td>Anti-fingerprint</td>
<td>-</td>
<td>-</td>
<td>60% NTSC</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Touchscreen
- Capacitive-type multi-touch, supports 10-point touch, TDDI technology

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
Pen
- No support

Mechanical
Dimensions (WxDxH)

<table>
<thead>
<tr>
<th>Models</th>
<th>Dimensions</th>
</tr>
</thead>
</table>
| All models | Tablet: 241.54 x 149.38 x 8.25 mm (9.50 x 5.88 x 0.32 inches)  
           | Cradle: 125 x 92 x 17 mm (4.92 x 3.62 x 0.66 inches)         |

Weight

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
</table>
| All models | Tablet: 420 g (0.92 lbs)          
           | Cradle: 245 g (0.54 lbs)          |

Case Color
Iron grey

Case Material
Pure metal (PC + ABS + metal)

Buttons
- Power button
- Volume button

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
UMTS: B1/B2/B5(B6/B19)/B8
FDD LTE: B1/B2/B3/B4/B5(B19)/B7/B8/B20/B28(a+b)
TDD LTE: B38/B40

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 + GLONASS</td>
</tr>
<tr>
<td>WWAN model</td>
<td>GPS + GLONASS + A-GPS</td>
</tr>
</tbody>
</table>

Ports**(1)

Standard Ports
- 1x USB-C 2.0 (support data transfer, OTG, and Power Delivery)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Pogo pin connector (2-point)

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 Customer Replaceable Unit (CRU) service
• 2-year (1-yr battery) 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

Cradle: Smart Charging Station (2-point Pogo-pin Charging Connector)

SOFTWARE

Preinstalled Software

Preinstalled Software

• Phone by Google (cellular device only)
• Messages (cellular device only)
• Google Photos
• YouTube Music
• Video +
• Google
• Google Calendar
• Google Chrome
• Bing Wallpaper
• Dolby Atmos
• Kids Space

CERTIFICATIONS

Green Certifications

Green Certifications[^1]

• ENERGY STAR® 8.0
• RoHS compliant
Notes:
1. ENERGY STAR 8.0 (TB-X306F)

**Other Certifications**

TÜV Rheinland® Low Blue Light (Software Solution)

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