OVERVIEW

1. Power button
2. USB-C 2.0
3. Volume buttons
4. Card slot
5. Guide pins
6. Pogo pin connector (4-point)

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 G90T</td>
<td>Octa-core: 2x A76 + 6x A55</td>
<td><a href="mailto:A76@2.05GHz">A76@2.05GHz</a> / <a href="mailto:A55@2.0GHz">A55@2.0GHz</a></td>
<td>LPDDR4X</td>
<td>ARM Mali-G76 MC4 GPU</td>
</tr>
</tbody>
</table>

Operating System

Operating System
Android™ II 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. For latest software upgrade information, please visit Android Upgrade Matrix.

Graphics

<table>
<thead>
<tr>
<th>Graphics</th>
<th>Type</th>
<th>Memory</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARM Mali-G76 MC4 GPU</td>
<td>Integrated</td>
<td>Shared</td>
<td>-</td>
</tr>
</tbody>
</table>

Chipset

Chipset
MediaTek SoC (System on Chip) platform

Memory

Max Memory
- 4GB soldered memory, not upgradable
- 6GB soldered memory, not upgradable

Memory Type
LPDDR4x

Notes:
1. uMCP (UFS-Based MCP, DRAM)

Storage

Storage Support
- 64GB uMCP (UFS-Based MCP, UFS 2.1)
- 128GB uMCP (UFS-Based MCP, UFS 2.1)
- 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>UFS 2.1</td>
<td>64GB / 128GB</td>
</tr>
</tbody>
</table>

Removable Storage

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

Multi-Media

Speakers
4 side stereo speakers, 1W x4, optimized with Dolby® Atmos®

**Microphone**
Dual array microphone with Smart Voice DSP for mid-field voice recognition

**Camera**
Front 8.0-megapixel RGB, 1080p 30fps, ToF sensor, 78° FoV (field of view), fixed focus, 2D face recognition unlock
Rear 13.0-megapixel RGB, 1080p 30fps, 80° FoV, autofocus; single LED flashlight

**VoiceCall**
- LTE voice call
- No support

**Notes:**
1. For LTE voice call models, cellular data plan required. Speeds are based on theoretical throughput and vary based on site conditions and carrier. For details on cellular support, contact your carrier for details.

**Sensor**

**Vibration Motor**
Eccentric Rotating Mass (ERM)

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

**Battery**

**Battery**
Integrated Li-Polymer 7500mAh (minimum) / 7700mAh (typical) battery, supports PE 2.0 (fully charged in 3hr)

**Max Battery Life**
- Standby time: 4.7 wks
- Online video playback time: 12 hr
- Talk time: 15 hr (WWAN model)
- Browsing time: 12 hr
- Music playtime: 15 hr

**Charging Time**
Less than 3 hr to fully charged

**Notes:**
1. All battery life claims are approximate and based on internal testing under optimal laboratory and network conditions. Actual battery performance will vary and depend on numerous factors including product configuration and usage, software, operating conditions, wireless functionality, power management settings, screen brightness and other factors. The maximum capacity of the battery will naturally decrease with time and usage.

**Power Adapter**

**Power Adapter**
10V/2A (20W) USB-C AC adapter, 100-240V, 50-60Hz

**DESIGN**

**Display**

**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>11.0”</td>
<td>2K (2000x1200)</td>
<td>Multi-touch</td>
<td>IPS</td>
<td>400 nits</td>
<td>Anti-fingerprint</td>
<td>15:9</td>
<td>1500:1</td>
<td>70% NTSC</td>
<td>160°</td>
<td>16.7M, 213 PPI, above 85% screen-to-body ratio, refresh rate</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**
- Lenovo Active Pen 3 with replaceable AAAA alkaline battery, tilt detection, 4096 levels of pressure sensitivity, supports WGP, AES 2.0 and MPP 2.0 protocols.
- Lenovo Precision Pen 2 with built-in rechargeable battery, 4096 levels of pressure sensitivity, tilt detection, supports WGP, AES 2.0 and MPP 2.0 protocols.
- No pen (pen sold separately)

**Mechanical**

**Dimensions (WxDxH)**

<table>
<thead>
<tr>
<th>Models</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>258.4 x 7.5 x 163 mm (10.17 x 0.29 x 6.41 inches)</td>
</tr>
</tbody>
</table>

**Weight**

<table>
<thead>
<tr>
<th>Models</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>All models</td>
<td>Around 490 g (1.08 lbs)</td>
</tr>
</tbody>
</table>

**Case Color**
- Modernist teal
- Platinum grey
- Slate grey

**Case Material**
PC + GF (20%), Half metal cover (Dual tone)

**Buttons**
- Power button
- Volume buttons

**CONNECTIVITY**

**Network**

**WLAN + Bluetooth®**
802.11 a/b/g/n/ac 1x1 Wi-Fi® + Bluetooth 5.1

**WWAN**
4G LTE

**Cellular Bands**
GSM: B2/B3/B5/B8
WCDMA: B1/B2/B5(B6/B19)/B8
FDD LTE: B1/B2/B3/B4/B5(B19)/B7/B8/B20/B28(a+b)
TDD LTE: B38/B40/B41(Full Band) (2496MHz-2690MHz)
Carrier aggregation support:
CA_1A-3A, CA_1A-7A, CA_1A-8A, CA_1A-20A, CA_3C, CA_3A-3A, CA_3A-7A, CA_3A-8A, CA_3A-20A,CA_7C, CA_7A-7A, CA_7A-20A

**Wi-Fi Direct**
Support (Miracast®)

**Wi-Fi Display**
Support
**FM Radio**

**Location Services**

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

**Ports**

**Standard Ports**

1x USB-C 2.0 (support data transfer, OTG, and Power Delivery 3.0, PE 2.0)

**Optional Ports**

1x Nano-SIM & microSD card slot (WWAN 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
- 2-year (1-yr battery) carry-in service
- 2-year (1-yr battery) mail-in service
- 2-year (1-yr battery) depot service
- 2-year (2-yr battery) carry-in service
- 2-year (2-yr battery) depot or carry-in service
- 3-year (1-yr battery) depot service

Notes:

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

**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**

- Lenovo Keyboard Pack (keyboard + stand cover)
Cradle: Smart Charging Station 2 (4-point Pogo-pin Charging Connector) + Folio case

Notes:
1. Available in select markets.

SOFTWARE

Preinstalled Software

Preinstalled Software

- Squid
- Tips
- Netflix
- Office
- Google Photos
- Google Play
- Google
- Google Chrome
- Dolby Atmos
- Google Entertainment Space
- Kids Space
- Amazon Music

Notes:
1. Actual application availability varies by country/region.

CERTIFICATIONS

Green Certifications

Green Certifications
- ENERGY STAR® 8.0
- RoHS compliant

Other Certifications

Water Proofing
- IP52

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

Notes:
1. Testing result of Proofing

- 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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