OVERVIEW

1. Headphone / microphone combo jack (3.5mm)  
2. USB-C 2.0  
3. Volume button  
4. Power button  
5. Card slot  
6. Pogo pin connector (2-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>Threads</th>
<th>Base Frequency</th>
<th>Max Frequency</th>
<th>Cache</th>
<th>Memory Support</th>
<th>Processor Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>MediaTek Helio P22T</td>
<td>8x A53</td>
<td>-</td>
<td>-</td>
<td><a href="mailto:A53@2.3GHz">A53@2.3GHz</a> / <a href="mailto:A53@1.8GHz">A53@1.8GHz</a></td>
<td>-</td>
<td>LPDDR4X</td>
<td>IMG PowerVR GE8320 GPU</td>
</tr>
</tbody>
</table>

Operating System

**Operating System**
Android 9 (Pie)

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
- 128GB eMCP4x on systemboard
- MicroSD card, supports FAT32 up to 256GB, exFAT up to 1TB

**Storage Type**

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

Removable Storage

**Card Reader**
- MicroSD card slot (WLAN model, supports up to 256GB FAT32)
- Nano-SIM + microSD card slot (WWAN model, supports up to 256GB FAT32)

Multi-Media

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

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

**Camera**
Front 5.0-megapixel, fixed focus; and rear 8.0-megapixel, auto focus

VoiceCall
- VoiceCall
- Not support
Notes:
1. Lenovo® TB-X606V only

**Sensor**

**Vibrator**

**Vibrator**

**Sensors**

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

**Battery**

**Battery**

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

**Max Battery Life**

- Standby Time: Over 6 wks
- Online Video Playback Time: 8.5 hr
- Browsing Time: 9 hr

**Charging Time**

Over 3.5 hr to fully charged

Notes:
1. 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**

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

**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>10.3&quot;</td>
<td>FHD (1920x1200)</td>
<td>Multi-</td>
<td>IPS</td>
<td>330 nits</td>
<td>Glossy</td>
<td>-</td>
<td>-</td>
<td>70.3% NTSC</td>
<td>160°</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.cairecycle.ca.gov/Electronics/Consumer

**Input Device**

**Pen**

- Lenovo Active Pen 3 with replaceable battery
- Not support

**Mechanical**

**Dimensions (WxDxH)**
244.2 x 153.3 x 8.15 mm (9.61 x 6.03 x 0.32 inches)

Weight
460 g (1.01 lbs)

Case Color
• Iron grey
• Platinum grey

Case Material
Metal

Buttons
• Volume button
• Power button

CONNECTIVITY

Network
WLAN + Bluetooth™
802.11ac Dual-Band 1x1 Wi-Fi + Bluetooth 5.0

WWAN
• 4G LTE
• Not Support

SIM Card
No SIM card

Cellular Bands
GSM: B2/B3/B5/B8
UMTS: B1/B2/B5(B6/B19)/B8
FDD LTE: B1/B2/B3(Expanded Band3)/B4/B5(B19)/B7/B8/B20
TDD LTE: B38/B40

WIFI Direct
Support (Miracast)

WIFI Display
Support

FM Radio
FM Radio

Location Services

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

Ports

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

Optional Ports
• 1x microSD card slot (WLAN model)
• 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
2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

SERVICE

Warranty

Base Warranty
• 1-year carry-in service
• 1-year mail-in service
• 1-year depot service
• 2-year (1-yr battery) depot service
• 2-year (1-yr battery) mail-in service
• 2-year (2-yr battery) carry-in service
• 2-year (2-yr battery) depot or carry-in 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)

SOFTWARE

Preinstalled Software

Preinstalled Software
• Tips
• Lenovo Vantage
• Netflix
• Google Photos
• Google Play
• Kids Mode
• Google
• Google Chrome
• Dolby Atmos

CERTIFICATIONS

Green Certifications

Green Certifications
• ENERGY STAR® 8.0
• RoHS compliant

Notes:
1. ENERGY STAR 8.0 (TB-X606F, TB-X606X)

Other Certifications

TÜV Rheinland Low Blue Light certified