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>8</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 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
- MicroSD card, supports FAT32 up to 256GB, exFAT up to 1TB
- 32GB eMCP4x on systemboard
- 64GB eMCP4x on systemboard
- 128GB eMCP4x on systemboard

Storage Type

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

Removable Storage

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

Multi-Media

Speakers
Dual side speaker, 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 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

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
5V/2A 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”</td>
<td>FHD (1920x1200)</td>
<td>Multi-touch</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.calrecycle.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

**WIFI Display**
Support

**FM Radio**
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>
<tr>
<td>Wi-Fi model</td>
<td>GPS + GLONASS</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. 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
• 1-year (2-yr battery) carry-in service
• 2-year (1-yr battery) carry-in service

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
Other Certifications
TUV Rheinland Low Blue Light certified