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></td>
<td>-</td>
<td>LPDDR3</td>
<td>IMG PowerVR GE8320 GPU</td>
</tr>
</tbody>
</table>

Operating System

Android Pie

Graphics

<table>
<thead>
<tr>
<th>Graphics Type</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

MediaTek SoC (System on Chip) platform

Memory

Memory Type
LPDDR4x-3200

Storage

Storage Support
- 32GB eMMC on systemboard
- 64GB eMMC on systemboard
- 128GB eMMC 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>
<th>RPM</th>
<th>Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Memory</td>
<td>eMMC</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:
- 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

Notes:

- All battery life claims are approximate maximum and based on results using the MobileMark® 2014 and/or MobileMark 2018 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.

Charging Time

Over 3.5 hr

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” FHD (1920x1080)</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>
<td></td>
</tr>
</tbody>
</table>

Notes:

- 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

Touchscreen

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

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

Ports
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)

Notes:
- Depending on many factors, actual data transfer speed may be lower than theoretical speed

Optional Ports
- 1x microSD card slot (WiFi model)
- 1x Nano-SIM + microSD card slot (LTE model)

SERVICE

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

Preinstalled Software

- Tips
- Lenovo Vantage
- Netflix
- Google Photos
- Google Play
- Kids Mode
- Google
- Google Chrome
- Dolby Atmos

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- RoHS compliant

Notes:

- ENERGY STAR 8.0 (TB-X606F, TB-X606X)

Other Certifications

TÜV Rheinland Low Blue Light certified