

**OVERVIEW**



1. Headphone / microphone combo jack (3.5mm)	4. Power button
2. Card slot	5. Micro-USB 2.0
3. Volume button	

Notes:

- Card slot is for microSD card (WLAN model) or nano-SIM + microSD card (WWAN model)

## PERFORMANCE

### Processor

#### Processor Family

MediaTek Processor

#### Processor\*\*

Processor Name	Cores	Max Frequency	Processor Graphics
MediaTek MT8166	ARM Cortex A53 Quad-core	A53@2.0GHz	IMG PowerVR GE8300 GPU
MediaTek MT8766	ARM Cortex A53 Quad-core	A53@2.0GHz	IMG PowerVR GE8300 GPU

### Operating System

#### Operating System

Android™ 11 (Go edition)

### Graphics

#### Graphics

Graphics	Type	Memory
IMG PowerVR GE8300 GPU	Integrated	Shared

### Chipset

#### Chipset

MediaTek SoC (System on Chip) platform

### Memory

#### Max Memory

2GB soldered memory, not upgradable

#### Memory Type

LPDDR4x

### Storage

#### Storage Support

- 32GB eMCP4x on systemboard
- microSD card, supports FAT32 up to 128GB, exFAT up to 2TB

#### Storage Type

Disk Type	Interface	Offering
Flash Memory	eMMC 5.1	32GB

### Removable Storage

#### Card Reader\*\*

- Nano-SIM + microSD card slot (WWAN models)
- microSD card slot (WLAN models)

### Multi-Media

#### Speakers

Single front speaker, Dolby® Audio™

#### Microphone

Single microphone

#### Camera\*\*

- Front 2.0MP, fixed focus, rear 2.0MP, fixed focus
- Front 2.0MP, fixed focus, rear 5.0MP, fixed focus

#### VoiceCall

- Voice call<sup>[1]</sup>

- No support

Notes:

[1] Use of Voice call requires cellular data plan. Voice call functionality details may vary based on local operator network, data and messaging services. Please contact your carriers for details.

## Sensor

### Vibration Motor

Eccentric Rotating Mass (ERM)

### Sensors

Accelerometer (G) sensor

## Battery

### Battery

Integrated Li-Polymer 3750mAh (minimum) / 3850mAh (typical) battery

### Max Battery Life<sup>[1]</sup>

Standby: 2 wks

Video playback: 10 hr

Web browsing: 10 hr

### Charging Time<sup>[2]</sup>

Around 4 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 depending 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.

[2] Charging data claim is approximate and based on internal testing under optimal laboratory. Actual result may vary owing to differences in product configuration, usage, software, operating conditions and other factors.

## Power Adapter

### Power Adapter

5V/2A (10W) micro-USB 2.0 AC adapter, 100-240V, 50-60Hz

## DESIGN

## Display

### Display<sup>[1][2]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Color Gamut	Key Features
7"	SD (1024x600)	Multi-touch	IPS	350 nits	Glossy	50% NTSC	Color depth 16.7m, TÜV Low Blue Light

### Touchscreen

Capacitive-type multi-touch, supports 5-point touch

Notes:

[1] California Electronic Waste Recycling Fee

In California USA, 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, please go to <https://www.calrecycle.ca.gov/Electronics/Consumer>.

[2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

## Input Device

### Pen

No support

## Mechanical

### Dimensions (WxDxH)<sup>[1]</sup>

# Tab M7 (3rd Gen)

176.18 x 102.28 x 8.3 mm (6.93 x 4.02 x 0.32 inches)

## Weight<sup>[2]</sup>

Around 236.9 g (0.52 lbs)

## Case Color

Iron grey

## Case Material

Metal (back cover)

## Buttons

- Power button
- Volume button

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

## CONNECTIVITY

### Network

#### WLAN + Bluetooth®

802.11a/b/g/n/ac dual band 1x1 Wi-Fi® + Bluetooth 5.0

#### WWAN

- 4G LTE
- No support

#### Cellular Bands

GSM: B2/B3/B5/B8

FDD LTE: B1/B2/B3/B4/B5(B19)/B7/B8/B19/B20/B28(a+b)

TDD LTE: B38/B40/B41 (Full bandwidth)

#### Wi-Fi Direct

Support

#### Wi-Fi Display

Support

#### FM Radio<sup>[1]</sup>

FM Radio

#### Location Services\*\*

Models	Location
WLAN models	GPS
WWAN models	GPS + GLONASS + A-GPS

Notes:

[1] Except for Japan.

### Ports<sup>[1]</sup>

#### Standard Ports

- 1x Micro-USB 2.0 (support data transfer and charging)
- 1x Card slot
- 1x Headphone / microphone combo jack (3.5mm)

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;  
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;  
USB4 40Gbps (USB 40Gbps): 40 Gbit/s;  
Thunderbolt™ 3/4: 40 Gbit/s.

## SERVICE

### Warranty<sup>[1]</sup>

#### Base Warranty\*\*

- 1-year carry-in service
- 1-year mail-in service
- 1-year courier service
- 1-year Customer Replaceable Unit (CRU) service
- 2-year (1-yr battery) mail-in service
- 2-year (1-yr battery) carry-in service
- 2-year (2-yr battery) carry-in service
- 2-year (2-yr battery) courier or carry-in service
- 2-year (1-yr battery) Customer Replaceable Unit (CRU) service
- 3-year (1-yr battery) Customer Replaceable Unit (CRU) service

Notes:

[1] Some model may be bundled with warranty upgrade service. To get the service details, please go to <https://smartfind.lenovo.com>. To learn more details of warranty policy, please access <https://pcsupport.lenovo.com/warranty>.

## ENVIRONMENTAL

### Operating Environment

#### Temperature

Operating: 0°C (32°F) to 40°C (104°F)

## ACCESSORIES

### Bundled Accessories

#### Bundled Accessories\*\*\*

- Kids Bumper
- Protect cover and film
- None

## SOFTWARE

### Preinstalled Software

#### Preinstalled Software<sup>[1]</sup>

- Entertainment Space
- Chrome
- Gmail
- Google Play
- Google Play Books
- Google Play Games
- Google One
- Google Assistant Go
- Google Calendar
- Google Camera Go
- Google Duo
- Google Maps
- Gallery Go by Google Photos

- Files by Google
- Clock
- Contacts
- Calculator
- Recorder
- YouTube
- YouTube Music
- Kids Space
- Yandex (RU only)

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Notes:

[1] Actual application availability varies by country/region.

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications

- (Optional) ENERGY STAR® 8.0
- RoHS compliant

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Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

### Other Certifications

#### Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

- 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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