

OVERVIEW



1. Card slot	3. Power button
2. Volume button	4. Micro-USB 2.0

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	Memory Support	Processor Graphics
MediaTek MT8166	ARM Cortex A53 Quad-core	A53@2.0GHz	LPDDR4x	IMG PowerVR GE8300 GPU
MediaTek MT8766	ARM Cortex A53 Quad-core	A53@2.0GHz	LPDDR4x	IMG PowerVR GE8300 GPU

Operating System

Operating System[†]

Android™ 11 (Go edition) 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. Please contact Lenovo support for more details

Graphics

Graphics

Graphics	Type	Memory	Key Features
IMG PowerVR GE8300 GPU	Integrated	Shared	-

Chipset

Chipset

MediaTek SoC (System on Chip) platform

Memory

Memory Type

LPDDR4x

Storage

Storage Support

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

Storage Type

Disk Type	Interface	Offering
Flash Memory	eMMC 5.1	32GB

Removable Storage

Card Reader**

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

Multi-Media

Speakers

Single front speaker, Dolby® Audio™

Microphone

Single microphone

Camera**

- Front 2.0-megapixel RGB, fixed focus, rear 2.0-megapixel RGB, fixed focus
- Front 2.0-megapixel RGB, fixed focus, rear 5.0-megapixel RGB, fixed focus

VoiceCall

- LTE voice call
- No support

Sensor

Vibration Motor

Eccentric Rotating Mass (ERM)

Sensors

Accelerometer (G) sensor

Battery

Battery

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

Max Battery Life^[1]

Standby time: 2 wks

Online video playback time: 10 hr

Browsing time: 10 hr

Charging Time

Less than 4 hr to fully charged

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) 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) micro-USB 2.0 AC adapter

DESIGN

Display

Display^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
7"	HD (1024x600)	Multi-touch	IPS	350 nits (supports 400 nits via SW solution)	Glossy	-	-	50% NTSC	-	-

Touchscreen

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

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

No support

Mechanical

Dimensions (WxDxH)

Models	Dimensions

Tab M7 (3rd Gen)

All models	176.18 x 102.28 x 8.3 mm (6.93 x 4.02 x 0.32 inches)
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Weight

Models	Weight
All models	236.9 g (0.52 lbs)

Case Color

Iron grey

Case Material

PC + ABS + metal for back cover

Buttons

- Power button
- Volume button

CONNECTIVITY

Network

WLAN + Bluetooth®

802.11ac 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 Band)

Wi-Fi Direct

Support (Miracast®)

Wi-Fi Display

Support

FM Radio^[1]

FM Radio

Location Services**

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

Notes:

1. Except for Japan

Ports^[1]

Standard Ports

- 1x Micro-USB 2.0 (support data transfer and Power Delivery)
- 1x Headphone / microphone combo jack (3.5mm)

Optional Ports**

- 1x Nano-SIM & microSD card slot (WWAN model)
- 1x microSD card slot (WLAN 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
- 1-year Customer Replaceable Unit (CRU) service
- 2-year (1-yr battery) carry-in service
- 2-year (1-yr battery) mail-in service
- 2-year (1-yr battery) Customer Replaceable Unit (CRU) service
- 2-year (2-yr battery) carry-in service
- 2-year (2-yr battery) depot or 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)

ACCESSORIES

Bundled Accessories

Bundled Accessories**

- Kids bumper
- Protect cover and film
- None

SOFTWARE

Preinstalled Software

Preinstalled Software

- Google One
- Recorder
- YouTube Music
- Google Play
- Google Play Books
- Google Play Games
- Yandex (RU only)
- YouTube
- Gmail
- Google Assistant Go
- Google Calendar
- Google Camera Go
- Google Chrome
- Contacts
- Files by Google
- Gallery Go by Google Photos

- Calculator
- Clock
- Google Duo
- Google Entertainment Space
- Google Maps
- Kids Space

CERTIFICATIONS

Green Certifications

Green Certifications

- ENERGY STAR® 8.0
- RoHS compliant

Other Certifications

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

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