

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)
- Headphone / microphone combo jack (3.5mm) (not shown on the sample product above)

PERFORMANCE

Processor

Processor Family

MediaTek Processor

Processor

Processor Name	Cores	Max Frequency	Memory Support	Processor Graphics
MediaTek Helio A22	ARM Cortex A53 Quad-core	A53@2.0GHz	LPDDR3	IMG PowerVR GE-class GPU

Operating System

Operating System^[1]

Android™ 9 (Pie) 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. For latest software upgrade information, please visit [Android Upgrade Matrix](#).

Graphics

Graphics

Graphics	Type	Memory	Key Features
IMG PowerVR GE-class GPU	Integrated	Shared	-

Chipset

Chipset

MediaTek SoC (System on Chip) platform

Memory

Max Memory

- 2GB soldered memory, not upgradable
- 3GB soldered memory, not upgradable

Memory Type

LPDDR3

Storage

Storage Support^[1]

- 16GB eMMC on systemboard
- 32GB eMMC on systemboard
- microSD card, supports FAT32 file up to 128GB, exFAT file up to 2TB

Storage Type

Disk Type	Interface	Offering
Flash Memory	eMMC	16GB / 32GB

Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

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[1]**

- Front 2.0-megapixel RGB, fixed focus, rear 5.0-megapixel RGB, autofocus
- Front 2.0-megapixel RGB, fixed focus, rear 8.0-megapixel RGB, autofocus

VoiceCall[2]

- LTE voice call
- No support

Notes:

1. Front 2.0MP + Rear 8.0MP is available for India only.
2. For LTE voice call models, cellular data plan required. Speeds are based on theoretical throughput and vary based on site conditions and carrier. For details on cellular support, contact your carrier for details.

Sensor

Vibration Motor

- Eccentric Rotating Mass (ERM)
- No support

Sensors

- WLAN models:
Accelerometer (G) sensor
- WWAN models:
Accelerometer (G) sensor
Ambient light sensor (ALS)
Proximity (P) sensor

Battery

Battery

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

Max Battery Life[1]

Standby time: 2 wks
Online video playback time: 12 hr
Browsing time: 18 hr

Charging Time

Over 3.3 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 and depend 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.

Power Adapter

Power Adapter**

- 5V/1A (5W) micro-USB 2.0 AC adapter, 100-240V, 50-60Hz
- 5V/2A (10W) micro-USB 2.0 AC adapter, 100-240V, 50-60Hz

DESIGN

Display

Display[1]**

Size	Resolution	Touch	Type	Brightness	Surface	Color Gamut	Viewing Angle
8"	HD (1280x800)	Multi-touch	IPS	350 nits	Glossy	60% NTSC	160°
8"	HD (1280x800)	Multi-touch	IPS	400 nits	Glossy	60% NTSC	160°

Touchscreen

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

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>

Input Device

Pen

No support

Mechanical

Dimensions (WxDxH)

199.1 x 121.8 x 8.15 mm (7.84 x 4.79 x 0.32 inches)

Weight

Around 305 g (0.67 lbs)

Case Color**

- Iron grey
- Platinum grey

Case Material

PC + ABS + metal for back cover

Buttons

- Power button
- Volume button

CONNECTIVITY

Network

WLAN + Bluetooth^[1]

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

UMTS: B1/B2/B5(B6/B19)/B8

FDD LTE: B1/B2/B3/B4/B5(B19)/B7/B8/B20

TDD LTE: B38/B40

Wi-Fi Direct

Support (Miracast®)

Wi-Fi Display

Support

FM Radio

FM Radio

Location Services**

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

Notes:

- Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

Ports^[1]

Standard Ports

- 1x Micro-USB 2.0 (support data transfer, Power Delivery, Lenovo T-hub, OTG)
- 1x Headphone / microphone combo jack (3.5mm)

Optional Ports**

- 1x Nano-SIM & microSD card slot (WWAN support models)
- 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™ 3/4: 40 Gbit/s

SERVICE

Warranty

Base Warranty**^[1]

- 1-year carry-in service
- 1-year depot or carry-in service
- 1-year mail-in service
- 1-year depot service
- 2-year (1-yr battery) carry-in service
- 2-year (1-yr battery) mail-in service
- 2-year (1-yr battery) depot service
- 2-year (2-yr battery) carry-in service
- 2-year (2-yr battery) depot or carry-in service
- 3-year (1-yr battery) depot service

Notes:

1. More information of warranty policy, please access <https://pcsupport.lenovo.com/warranty>

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***

- Back cover and film
- Earphone
- None

SOFTWARE

Preinstalled Software

Preinstalled Software^[1]

- Tablet Manager
- Lenovo Launcher
- Netflix
- Phone by Google (cellular device only)
- Messages (cellular device only)
- Google Photos
- YouTube Music
- Google Play
- Kids Mode
- Gmail
- Google Calendar
- Google Chrome
- Bing Wallpaper

Notes:

1. Actual application availability varies by country/region.

CERTIFICATIONS

Green Certifications

Green Certifications

- ENERGY STAR® 8.0
- RoHS compliant

Other Certifications

Water Proofing^[1]

IP5X

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

Notes:

1. Testing result of Proofing: Dustproof of IP5X

- 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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