

## OVERVIEW



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

Notes:

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

## PERFORMANCE

### Processor

#### Processor Family

MediaTek Processor

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

Processor Name	Cores	Max Frequency	Memory Support	Processor Graphics
MediaTek Helio G90T	Octa-core: 2x A76 + 6x A55	A76@2.05GHz / A55@2.0GHz	LPDDR4X	ARM Mali-G76 MC4 GPU

#### Notes:

- MediaTek Helio G90T M8185 is for WiFi model, G90T MT8789 is only for LTE model

### Operating System

#### Operating System<sup>[1]</sup>

Android™ 11 or later

#### Notes:

- 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
ARM Mali-G76 MC4 GPU	Integrated	Shared	-

### Chipset

#### Chipset

MediaTek SoC (System on Chip) platform

### Memory

#### Max Memory

- 4GB soldered memory, not upgradable
- 8GB soldered memory, not upgradable

#### Memory Type

LPDDR4x

### Storage

#### Storage Support

- 64GB UFS 2.1 on systemboard
- 128GB UFS 2.1 on systemboard
- 256GB UFS 2.1 on systemboard
- MicroSD card, supports FAT32 file up to 512GB, exFAT file up to 1TB

#### Storage Type

Disk Type	Interface	Offering
Flash Memory	UFS 2.1	64GB / 128GB / 256GB

### Removable Storage

#### Card Reader\*\*

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

### Multi-Media

## Speakers

4 side JBL® speakers, Synopsys codec, 2 x1W (on the top), 2 x2W (on the bottom) with 5cc audio chamber, Lenovo Premium Audio (LPA) Solution design, optimized with Dolby® Atmos®

## Microphone

Dual array microphone, low-power DSP for far-field voice recognition

## Camera

Front 8.0-megapixel RGB, 1080p 30fps, ToF sensor, wide-angle 99° FoV (field of view), fixed focus, 2D face recognition unlock

Rear 8.0-megapixel RGB, 1080p 30fps, 86° FoV, autofocus

## VoiceCall

- LTE voice call
- No support

## Sensor

### Vibration Motor

Eccentric Rotating Mass (ERM)

### Sensors

- Accelerometer (G) sensor
- Ambient light sensor (ALS)
- Gyroscope sensor
- ToF sensor

## Battery

### Battery

Integrated Li-Polymer 7500mAh (minimum) / 7700mAh (typical) battery

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

Standby time: 500 hr

Online video playback time: 15 hr

Talk time: 15 hr (WWAN model)

Browsing time: 15 hr

### Charging Time

Over 2 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

10V/2A (20W) USB-C AC adapter

## DESIGN

## Display

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

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
11.0"	2K (2000x1200)	Multi-touch	IPS	400 nits	Anti-fingerprint	15:9	1500:1	70% NTSC	-	16.7M, 213 PPI, 60 Hz, above 85% screen-to-body ratio, Dolby Vision™

### 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 Precision Pen 2 with built-in rechargeable battery, 4096 levels of pressure sensitivity
- No pen (pen sold separately)

## Mechanical

### Dimensions (WxDxH)

Models	Dimensions
All models	256.8 x 169.0 x 7.9-8.3 mm (10.11 x 6.65 x 0.31-0.32 inches)

### Weight

Models	Weight
All models	Around 650 g (1.43 lbs)

### Case Color

Storm grey

### Case Material

Metal, PC + ABS, and fabric

### Others

Kick-stand hinge: free stop

### Buttons

- Power button
- Volume button

## CONNECTIVITY

### Network

#### WLAN + Bluetooth<sup>®</sup>\*\*

- 802.11 a/b/g/n/ac 2x2 Wi-Fi<sup>®</sup> + Bluetooth 5.0, MU-MIMO
- 802.11ac Dual-Band 1x1 Wi-Fi + Bluetooth 5.0

#### WWAN

- 4G LTE
- No support

#### Cellular Bands

GSM: B2/B3/B5/B8

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

FDD LTE: B1/B2/B3/B4/B5(B19)/B7/B8/B20/B26/B28(a+b)

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

Carrier aggregation support:

CA\_1A-3A, CA\_1A-7A, CA\_1A-8A, CA\_1A-20A, CA\_3C, CA\_3A-3A, CA\_3A-7A, CA\_3A-8A, CA\_3A-20A, CA\_7C, CA\_7A-7A, CA\_7A-20A

#### Wi-Fi Direct

Support (Miracast<sup>®</sup>)

#### Wi-Fi Display

Support

#### Location Services\*\*

Models	Location
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WLAN model	No location service
WWAN model	GPS + GLONASS + A-GPS

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

### Standard Ports

1x USB-C 2.0 (support data transfer, OTG, and Power Delivery 2.0)

#### 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
- 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

## 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)

## SOFTWARE

### Preinstalled Software

#### Preinstalled Software

- Google One
- Netflix
- Office
- OneNote
- Recorder
- Google Photos
- YouTube Music
- Google Play
- Google Play Books
- Google Play Games
- Yandex (RU only)

- YouTube
- Gmail
- Google Assistant
- Google Calendar
- Contacts
- Files by Google
- Calculator
- Clock
- Dolby Atmos
- Dolby Vision
- Google Duo
- Google Entertainment Space
- Google Maps
- Kids Space
- Amazon Music

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

- ENERGY STAR® 8.0
- RoHS compliant

### Other Certifications

#### Water Proofing<sup>[1]</sup>

IP52

#### Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

#### Notes:

1. Testing result of Proofing

- Feature with \*\* means that only one offering listed under the feature is configured on selected models.
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