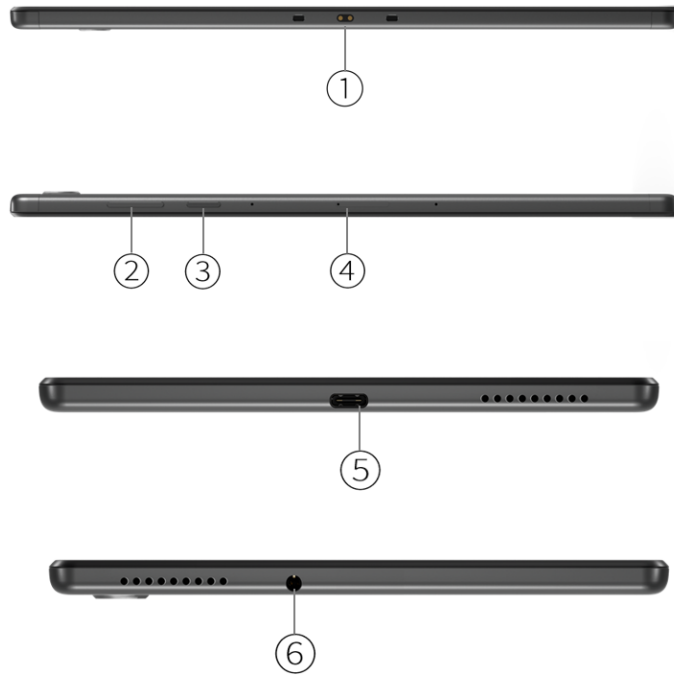


OVERVIEW



1. Pogo pin connector (2-point)	4. Card slot
2. Volume button	5. USB-C 2.0
3. Power button	6. Headphone / microphone combo jack (3.5mm)

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 Helio P22T	ARM Cortex A53 Octa-core	A53@2.3GHz / A53@1.8GHz	LPDDR4X	IMG PowerVR GE8320 GPU

Operating System

Operating System

Android™ 10 (Q)

Graphics

Graphics

Graphics	Type	Memory	Key Features
IMG PowerVR GE8320 GPU	Integrated	Shared	-

Chipset

Chipset

MediaTek SoC (System on Chip) platform

Memory

Memory Type

LPDDR4x

Storage

Storage Support

- microSD card, supports FAT32 file up to 256GB, exFAT file up to 1TB
- 32GB eMCP4x on systemboard
- 64GB eMCP4x on systemboard

Storage Type

Disk Type	Interface
Flash Memory	eMMC 5.1

Removable Storage

Card Reader

- microSD card slot (WLAN model, supports FAT32 file up to 256GB, exFAT file up to 1TB)
- Nano-SIM + microSD card slot (WWAN model, supports FAT32 file up to 256GB, exFAT file up to 1TB)

Multi-Media

Speakers

2 side speakers, optimized 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

- LTE voice call
- No support

Sensor

Vibration Motor

Eccentric Rotating Mass (ERM)

Sensors

- Accelerometer (G) sensor
- Proximity (P) sensor
- Ambient light sensor (ALS)
- Hall sensor

Battery

Battery

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

Max Battery Life^[1]

Standby Time: 700 hr

Talk Time: 8 hr

Online Video Playback Time: 8 hr

Browsing Time: 10hr

Charging Time

Over 4.5 hr to fully charged

Notes:

1. All battery life claims are approximate maximum and based on results using the MobileMark® 2014, MobileMark 2018, and/or JEITA 2.0 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) USB-C AC adapter

DESIGN

Display

Display^[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
10.1"	HD (1280x800)	Multi-touch	IPS	400 nits	AF (Anti-fingerprint)	-	-	60% NTSC	-	-

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>

Mechanical

Dimensions (WxDxH)

241.54 x 149.38 x 8.25 mm (9.50 x 5.88 x 0.32 inches)

Weight

420 g (0.92lbs)

Case Color

- Iron grey
- Platinum grey

Case Material

Pure metal (PC + ABS + metal)

Buttons

- Volume button
- Power 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

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

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

TDD LTE: B38/B40

WIFI Direct

Support (Miracast)

WIFI Display

Support

FM Radio

FM Radio

Location Services

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

Ports^[1]

Standard Ports^[2]

- 1x Pogo pin connector (2-point)
- 1x USB-C 2.0 (support data transfer, OTG and Power Delivery)
- 1x headphone / microphone combo jack (3.5mm)

Optional Ports

- 1x microSD card slot (WLAN model)
- 1x Nano-SIM + microSD card slot (WWAN 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
2. Depending on many factors, actual data transfer speed may be lower than theoretical speed

SERVICE

Warranty

Base Warranty^[1]

- 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
- No base warranty

Notes:

1. ZA6W0182SG No Base 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

- Folio case and film
- None

SOFTWARE

Preinstalled Software

Preinstalled Software

- Lenovo Launcher
- Phone by Google (cellular device only)
- Messages (cellular device only)
- Google Photos
- YouTube Music
- Video +
- Gmail
- Google
- Google Calendar
- Google Chrome
- Bing Wallpaper
- Dolby Atmos
- Kids Space

CERTIFICATIONS

Green Certifications

Green Certifications¹

- ENERGY STAR® 8.0
- RoHS compliant

Notes:

1. ENERGY STAR 8.0 (TB-X306F)

Other Certifications

Other Certifications

TÜV Rheinland Low Blue Light

