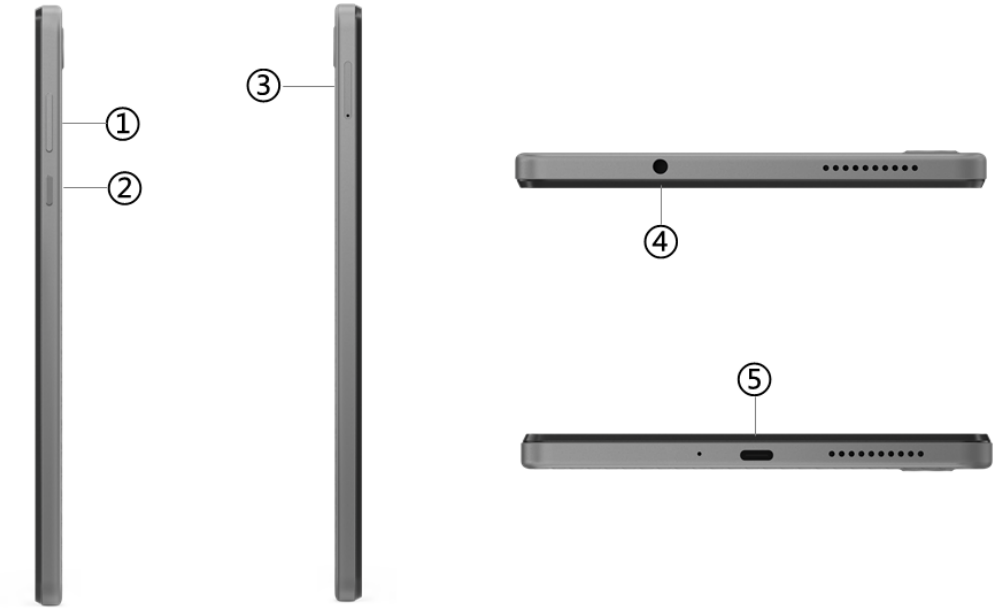
OVERVIEW



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

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

Operating System

Operating System[**][1]

- Android™[2]
- Android™ 12 (Go edition) or later
- Android™ 12 or later

Notes:

[1] For latest operating system and security patches deliver plan, please visit https://support.lenovo.com/solutions/ht501098.

[2] For AP, AG models, 3GB + 32GB (consumer) operating system at launch is Android™ 12 (Go edition) or later. 3GB + 32GB (commercial) operating system at launch is Android™ 12 or later.

Graphics

Graphics

IMG PowerVR GE-class GPU

Chipset

Chipset

MediaTek SoC (System on Chip) platform

Memory

Max Memory

- 2GB soldered memory, not upgradable
- 3GB soldered memory, not upgradable
- 4GB soldered memory, not upgradable

Memory Type

LPDDR4x

Storage

Max Storage Support**

- 32GB eMMC 5.1 on systemboard
- 64GB eMMC 5.1 on systemboard
- microSD card, supports FAT32 up to 128GB, exFAT up to 1TB

Storage Type

Disk Type	Interface	Offering
Flash Memory	eMMC 5.1	32GB / 64GB

Removable Storage

Card Reader**

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

Multi-Media

Speakers

Dual speaker

Microphone

Single microphone

Camera[**]

- Front 2.0MP, fixed focus, rear 5.0MP, autofocus
- Front 2.0MP, fixed focus, rear 8.0MP, autofocus

VoiceCall

- Voice call[1]
- 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)
- No support

Sensors

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

Battery

Battery

5100mAh (typical) Li-Polymer battery

Max Battery Life[1]

Online video playback: 16 hr
Web browsing: 19 hr

Charging Time[2]

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) AC adapter, 100-240V, 50-60Hz

DESIGN

Display

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
8″	HD (1280x800)	Multi-touch	ADS	350nits	Anti-fingerprint	16:10	1000:1	60% NTSC	60Hz	80° / 80° / 80° / 80°	TÜV Low Blue Light (Software Solution)

Touchscreen

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

Input Device

Pen

No support

Mechanical

Dimensions (WxDxH)[1]

197.97 x 119.82 x 8.95 mm without camera deco (7.79 x 4.72 x 0.35 inches)

Weight[2]

Around 320 g (0.71 lbs)

Case Color**

- Abyss blue
- Arctic grey

Case Material

Plastic

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®

Wi-Fi® 5, 802.11ac 1x1 Wi-Fi® + Bluetooth® 5.0

WWAN

- 4G LTE
- No support

Cellular Bands[1]

GSM: B2/B3/B5/B8
UMTS: B1/B2/B5/B6/B8/B19
LTE FDD: B1/B2/B3/B4/B5/B7/B8/B19/B20/B26/B28(a+b)
LTE TDD: B38/B40/B41 (Full bandwidth)

Wi-Fi® Direct

Support

Wi-Fi® Display

Support

FM Radio

FM Radio

Location Services

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

Notes:

[1] For WWAN models

Ports[1]

Standard Ports

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

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

Base Warranty[**][1]

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

Notes:

[1] For warranty upgrade service, please go to https://smartfind.lenovo.com/services. To learn more details of warranty policy, please access https://support.lenovo.com/warrantylookup/warrantypolicy.

ACCESSORIES

Bundled Accessories

Bundled Accessories[***][1]

- Bumper case
- Clear case
- Film
- Folio case
- None

Notes:

[1] For more compatible accessories, please click Here.

OPERATING REQUIREMENTS

Operating Environment

Temperature

Operating: 0°C (32°F) to 40°C (104°F)
Storage: -20°C (-4°F) to 60°C (140°F)

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- ENERGY STAR® 8.0 (only available for TB300FU)
- ErP Lot 3
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit https://compliance.lenovo.com.

Other Certifications

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

SOFTWARE

Preinstalled Software

Preinstalled Software[1][2]

- Camera
- Contacts
- Drive
- Entertainment Space
- Files
- FM radio
- Gallery
- Gmail
- Google Docs
- Google Duo
- Google One
- Google Podcasts
- Google Sheets
- Google Slides
- Google TV
- Kids Space
- Maps
- Messages
- News
- Play Books
- Play Games
- Play Store
- Sound Recorder
- Tablet Center
- YouTube
- YouTube Kids
- YouTube Music

Notes:

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

[2] Books and video content not available in all regions. Video content subject to availability of YouTube Kids app. Books content requires the Play Books app. Availability of apps, books, and video content may change without notice. Google Assistant not available in Google Kids Space. Google Kids Space requires a Google Account for your child. Parental controls require the Family Link app on a supported Android™, Chromebook, or iOS device.

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
- Feature with *** means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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