

## PERFORMANCE

### Processor

#### Processor Family

MediaTek Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
MediaTek Helio A22	4x A53	4	-	A53@2.0GHz	-	LPDDR3	IMG PowerVR GE-class GPU

### Operating System

Android Pie

### Graphics

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

### Chipset

MediaTek SoC (System on Chip) platform

### Memory

#### Memory Type

LPDDR3

### Storage

#### Storage Support

- 32GB eMMC on systemboard
- 16GB eMMC on systemboard
- microSD card, supports FAT32 up to 128GB

#### Storage Type

Disk Type	Interface	RPM	Security
Flash Memory	eMMC	-	-

### Removable Storage

#### Card Reader

- microSD card slot (WiFi model, supports up to 128GB FAT32)
- Nano-SIM + microSD card slot (WWAN model, supports up to 128GB FAT32)

### Multi-Media

#### Speakers

Single front speaker with Dolby® Audio™

#### Microphone

Single microphone

#### Camera

- Front 2.0-megapixel, fixed focus; and rear 5.0-megapixel, auto focus
- Front 2.0-megapixel, fixed focus; and rear 8.0-megapixel, auto focus

#### Notes:

- Front 2.0MP + Rear 8.0MP is available for India only

#### VoiceCall

- VoiceCall
- Not support

## Sensor

### Vibrator

Vibrator

### Sensors

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

## Battery

### Battery

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

Notes:

- Integrated Li-Polymer 5100mAh (ZA5H0132IN, ZA5H0133IN)

### Max Battery Life

Standby Time: Over 2 weeks

Online Video Playback Time: 12 hr

Browsing Time: 18 hr

Notes:

- All battery life claims are approximate maximum and based on results using the MobileMark® 2014 and/or MobileMark 2018 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.

### Charging Time

Over 3.3 hours

## Power Adapter

- 5V/1A Micro-USB 2.0 AC adapter
- 5V/2A Micro-USB 2.0 AC adapter

## DESIGN

## Display

### Display

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

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>

### Touchscreen

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

## Input Device

### Pen

Not support

## Mechanical

# Tab M8 HD (2nd Gen)

## Dimensions (WxDxH)

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

## Weight

305 g (0.67 lbs)

## Case Color

- Iron grey
- Platinum grey

## Case Material

Metal + PC + ABS for the back cover

## Buttons

- Volume button
- Power button

# CONNECTIVITY

## Network

### WLAN + Bluetooth™

802.11ac Dual Band 1x1 Wi-Fi + Bluetooth 5.0

### WWAN

- 4G LTE
- Not configured

### SIM Card

Not 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

### WIFI Direct

WIFI Direct

### WIFI Display

WIFI Display

### FM Radio

FM Radio

### Location

Models	Location
WWAN model	GPS + GLONASS + A-GPS
Wi-Fi model	GPS + GLONASS

## Ports

### Standard Ports

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

### Notes:

- Depending on many factors, actual data transfer speed may be lower than theoretical speed
- Support Lenovo T-Hub, OTG

### Optional Ports

- 1x microSD card slot (WiFi model)
- 1x Nano-SIM + microSD card slot (LTE model)

# SERVICE

## Warranty

### Base Warranty

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

## ACCESSORIES

### Bundled Accessories

- Earphone
- Back cover and film
- Not configured

#### Notes:

- Earphone (ZA5H0133IN only)

## SOFTWARE

### Preinstalled Software

- 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

## CERTIFICATIONS

### Green Certifications

- ENERGY STAR® 8.0
- RoHS

### Other Certifications

#### Water Proofing

IP5X

#### Other Certifications

TÜV Rheinland Low Blue Light certified

