

Tab M8 ZA5G0060US

Product

Lenovo TB-8505F

Region

NA

Country/Region

USA

Machine Type

ZA5G

TopSeller

No

Processor

MediaTek Helio A22 (4C, 4x A53 @2.0GHz)

Graphics

Integrated IMG GE8300 GPU

Chipset

MediaTek SoC Platform

Memory

2GB Soldered

Display

8" HD (1280x800) IPS 350nits

Multi-touch

10-point Multi-touch

Storage

32GB eMMC

Expandable Memory

MicroSD card (Up to 128GB)

WLAN + Bluetooth

11a/b/g/n/ac, 1x1 + BT5.0

WWAN

None

Card Slot

MicroSD Card Holder Tray

Bundled Accessories

None

Color

Iron Grey

Case Material

Metal / Plastic

Camera

Front 2.0MP / Rear 5.0MP

Microphone

Mono

VoiceCall

No

Battery

Integrated 5000mAh

Power Adapter

5V / 1.0A

Operating System

Android Pie

Bundled Service

Not Available

Base Warranty

1-year, Mail-In

End of Support

Not Available

EAN / UPC

193638289104

Announce Date

2019-08-20

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

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>

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PSREF <https://psref.lenovo.com>
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Lenovo Tab M8 Platform Specifications

Product Specifications Reference (PSREF)

Processor	MediaTek® Processor <ul style="list-style-type: none">MediaTek Helio A22 (4xARM Cortex-A53, up to 2.0GHz)MediaTek Helio P22T (8xARM Cortex-A53, up to 2.3GHz)							Camera <table><tr><td></td><td colspan="2">Front / Focus Mode</td><td colspan="2">Rear / Focus Mode</td><td>Type</td><td>Zoom</td><td>Flash Light</td></tr><tr><td>TB-8505F</td><td rowspan="3">2.0MP</td><td rowspan="3">Fixed Focus</td><td>5.0MP</td><td rowspan="3">Auto Focus</td><td rowspan="3">CMOS</td><td rowspan="3">Digital</td><td rowspan="3">No</td></tr><tr><td>TB-8505X</td><td>8.0MP</td></tr><tr><td>TB-8705F</td><td>13.0MP</td></tr></table>			Front / Focus Mode		Rear / Focus Mode		Type	Zoom	Flash Light	TB-8505F	2.0MP	Fixed Focus	5.0MP	Auto Focus	CMOS	Digital	No	TB-8505X	8.0MP	TB-8705F	13.0MP							
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TB-8705F			13.0MP																																	
Graphics	Integrated IMG GE8300 or IMG GE8320 GPU																																			
Display	<table><tr><td>Size</td><td colspan="2">Resolution</td><td>Type</td><td colspan="2">Brightness</td><td colspan="2">Color Gamut</td><td>Viewing Angle</td></tr><tr><td rowspan="4">8" (203.2mm)</td><td rowspan="4">HD (1280 x 800)</td><td rowspan="4">IPS</td><td>Typ.</td><td>350nits</td><td>Typ.</td><td>60%</td><td rowspan="4">160°</td></tr><tr><td>Min.</td><td>320nits</td><td>Min.</td><td>55%</td></tr><tr><td>Typ.</td><td>350nits</td><td>Typ.</td><td>60%</td></tr><tr><td>Min.</td><td>320nits</td><td>Min.</td><td>55%</td></tr></table>							Size	Resolution		Type	Brightness		Color Gamut		Viewing Angle	8" (203.2mm)	HD (1280 x 800)	IPS	Typ.	350nits	Typ.	60%	160°	Min.	320nits	Min.	55%	Typ.	350nits	Typ.	60%	Min.	320nits	Min.	55%
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Multi-touch	Capacitive-type multi-touch, supports 10-point touch																																			
Memory	2GB, 3GB or 4GB / LPDDR3, soldered to systemboard																																			
Storage	16GB, 32GB or 64GB eMMC (Embedded Multi Media Card), flash memory on board																																			
Card slot	One single card slot (WiFi model) or one dual-card slot (LTE model), supports Nano-SIM card + MicroSD card (HD: up to 128GB, FAT32; FHD: up to 256GB, FAT32) * HD: TB-8505F, TB-8505X; FHD: TB-8705F																																			
Bluetooth®	Bluetooth 5.0																																			
WLAN	802.11 a/b/g/n/ac, 1x1, 2.4 GHz / 5 GHz Wi-Fi Dual Bands																																			
WWAN (Optional)	4G LTE connectivity																																			
LTE Band	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5(B6/B19)/B8 FDD LTE: B1/B2/B3/B4/B5(B19)/B7/B8/B20 TDD LTE: B38/B40																																			
NFC	None																																			
WIFI Direct	Yes																																			
WIFI Display	Yes																																			
WHDI	None																																			
FM Radio	Yes																																			
A-GPS (Optional)	Yes (TB-8505X)																																			
GPS	Yes																																			
Glonass	Yes																																			
Beidou	Yes																																			
Vibrator (Opt)	Yes (TB-8705F, TB-8505X)																																			
G-sensor	Accelerometer sensor																																			
P-sensor	Proximity sensor (TB-8705F, TB-8505X)																																			
L-sensor	Ambient sensor (TB-8705F, TB-8505X)																																			
E-compass	None																																			
Hall Sensor	None																																			
Gyroscope	None																																			
Proofing	IP52 (FHD: TB-8705F), IP5X (TB-8505F, TB-8505X)																																			
Dimensions	WxDxH (HD): 7.84" x 4.79" x 0.32"; 199.1mm x 121.8mm x 8.15mm WxDxH (FHD): 7.80" x 4.83" x 0.32"; 198.2mm x 122.6mm x 8.15mm																																			
Weight	305g / 0.67lb																																			
Case color	Iron Grey or Platinum Grey																																			
Case material	Metal/Plastic for back cover																																			
Ports	One Micro-USB 2.0, supports Lenovo T-Hub, OTG, 3.5mm (0.14inch) combo audio / microphone jack, one MicroSD slot (TB-8505F, TB-8705F) or dual-card slot for Nano-SIM card and MicroSD card (TB-8505X) * Depending on many factors, actual data transfer speed may be lower than theoretical speed																																			
Buttons	Power key, volume key																																			

Audio	Single front speaker with Dolby Atmos® / single microphone (mono), 3.5mm (0.14inch) combo audio / microphone jack (CTIA)						
Keyboard	None						
Touchpad	None						
Security chip	None						
Fingerprint reader	None						
VoiceCall (Opt)	VoiceCall (TB-8505X)						
Battery type	Li-ion Polymer 5000mAh (Minimum) / 5100mAh (Typical)						
Battery life	Standby Time: Over 2wks Online Video playback Time: Up to 12hrs Browsing Time: Up to 18hrs * Battery life varies significantly with settings, usage, & other factors						
AC adapter	One of the following, configurable by model: <ul style="list-style-type: none">5V/1A (HD: TB-8505F, TB-8505X)5V/2A (FHD: TB-8705F)						
Charging time	Over 3.3hrs						
Preload	Android® Pie Lenovo applications <ul style="list-style-type: none">CameraFM RadioTablet Manager Third-party applications <ul style="list-style-type: none">GoogleMapsGmailYouTubeMessages (TB-8505F)Phone (TB-8505F)Google ChromeGoogle PhotosDuoCalendarFilesNetflix (ROW version) * Applications vary from different Android Pie versions						
Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none">1-year mail-in service2-year/1-yr battery mail-in service1-year courier / depot service2-year/1-yr battery courier / depot service1-year customer carry-in service2-year/1-yr battery customer carry-in service2-year/1-yr battery courier / depot or customer carry-in service						
Environment	RoHS-compliant						

Note: The specifications above may not be available in all regions

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November 2019

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