

Tab M8 ZA5G0038SE

Product

Lenovo TB-8505F

Region

NORTH

Country/Region

Sweden

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

WLAN + Bluetooth

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

WWAN

None

Bundled Accessories

None

Color

Iron Grey

Camera

Front 2.0MP / Rear 5.0MP

Microphone

Mono

VoiceCall

No

Battery

Integrated 5000mAh

Power Adapter

5V / 1.0A

Operating System

Android Pie

Base Warranty

2-year, Courier / Depot

EAN / UPC

193638288497

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.

L WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2019. All rights reserved.



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 border="1"> <thead> <tr> <th></th> <th colspan="2">Front / Focus Mode</th> <th colspan="2">Rear / Focus Mode</th> <th>Type</th> <th>Zoom</th> <th>Flash Light</th> </tr> </thead> <tbody> <tr> <td>TB-8505F</td> <td rowspan="2">2.0MP</td> <td rowspan="2">Fixed Focus</td> <td>5.0MP</td> <td rowspan="2">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>5.0MP</td> <td>13.0MP</td> </tr> </tbody> </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	5.0MP	13.0MP								
	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	5.0MP	13.0MP																																								
Graphics	Integrated IMG GE8300 or IMG GE8320 GPU						Audio	* Front 2.0MP + Rear 8.0MP India only Single front speaker with Dolby Atmos® / single microphone (mono), 3.5mm (0.14inch) combo audio / microphone jack (CTIA)																																		
Display	<table border="1"> <thead> <tr> <th>Size</th> <th>Resolution</th> <th>Type</th> <th colspan="2">Brightness</th> <th colspan="2">Color Gamut</th> <th>Viewing Angle</th> </tr> </thead> <tbody> <tr> <td rowspan="3">8" (203.2mm)</td> <td rowspan="2">HD (1280 x 800)</td> <td rowspan="3">IPS</td> <td>Typ.</td> <td>350nits</td> <td>Typ.</td> <td>60%</td> <td rowspan="3">160°</td> </tr> <tr> <td>Min.</td> <td>320nits</td> <td>Min.</td> <td>55%</td> </tr> <tr> <td>FHD (1920 x 1200)</td> <td>Typ.</td> <td>350nits</td> <td>Typ.</td> <td>60%</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Min.</td> <td>320nits</td> <td>Min.</td> <td>55%</td> <td></td> </tr> </tbody> </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%	FHD (1920 x 1200)	Typ.	350nits	Typ.	60%				Min.	320nits	Min.	55%		Multi-touch	Capacitive-type multi-touch, supports 10-point touch					
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%																																				
	FHD (1920 x 1200)		Typ.	350nits	Typ.	60%																																				
			Min.	320nits	Min.	55%																																				
Memory	2GB, 3GB or 4GB / LPDDR3, soldered to systemboard						Keyboard	None																																		
Storage	16GB, 32GB or 64GB eMMC (Embedded Multi Media Card), flash memory on board						Touchpad	None																																		
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						Security chip	None																																		
Bluetooth®	Bluetooth 5.0						Fingerprint reader	None																																		
WLAN	802.11 a/b/g/n/ac, 1x1, 2.4 GHz / 5 GHz Wi-Fi Dual Bands						VoiceCall (Opt)	VoiceCall (TB-8505X)																																		
WWAN (Optional)	4G LTE connectivity						Battery type	Li-ion Polymer 5000mAh (Minimum) / 5100mAh (Typical)																																		
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						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																																		
NFC	None						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) 																																		
WIFI Direct	Yes						Charging time	Over 3.3hrs																																		
WIFI Display	Yes						Preload	Android® Pie Lenovo applications <ul style="list-style-type: none"> Camera FM Radio Tablet Manager Third-party applications <ul style="list-style-type: none"> Google Maps Gmail YouTube Messages (TB-8505F) Phone (TB-8505F) Google Chrome Google Photos Duo Calendar Files Netflix (ROW version) * Applications vary from different Android Pie versions																																		
WHDI	None						Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none"> 1-year mail-in service 2-year/1-yr battery mail-in service 1-year courier / depot service 2-year/1-yr battery courier / depot service 1-year customer carry-in service 2-year/1-yr battery customer carry-in service 2-year/1-yr battery courier / depot or customer carry-in service 																																		
FM Radio	Yes						Environment	RoHS-compliant																																		
A-GPS (Optional)	Yes (TB-8505X)						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																																		
GPS	Yes						Buttons	Power key, volume key																																		
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	Plastic for back cover																																									

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

Tab M8

