

# Tab M8 HD (2nd Gen) ZA5H0117GB

**Product**

Lenovo TB-8505X

**Region**

UKI

**Country/Region**

United Kingdom

**Machine Type**

ZA5H

**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

**Touchscreen**

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**

4G LTE

**Card Slot**

Single Nano-SIM & MicroSD Card Holder Tray

**Bundled Accessories**

None

**Color**

Iron Grey

**Case Material**

Metal / Plastic

**Camera**

Front 2.0MP / Rear 5.0MP

**Microphone**

Mono

**VoiceCall**

VoiceCall

**Battery**

Integrated 5000mAh

**Power Adapter**

5V / 1.0A

**Operating System**

Android Pie

**Bundled Service**

Not Available

**Base Warranty**

1-year, Depot

**End of Support**

Not Available

**EAN / UPC / JAN**

194552765453

**Announce Date**

2019-12-10

**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.

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# Lenovo Tab M8 HD (2nd Gen) Platform Specifications

Product Specifications Reference (PSREF)



Processor	MediaTek® Processor <b>MediaTek Helio A22</b> (4xARM Cortex-A53, up to 2.0GHz)						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></td> <td></td> <td></td> <td>8.0MP*</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*				8.0MP*
	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*																																
			8.0MP*																																
Graphics	Integrated IMG GE8300 GPU						Audio	<p>* Front 2.0MP + Rear 8.0MP is available for India only</p> Single side speaker with Dolby Audio® / single microphone (mono), 3.5mm (0.14inch) combo audio / microphone jack (CTIA)																											
Display	Size		Resolution		Type	Brightness		Color Gamut		Viewing Angle	Keyboard	None																							
	8" (203.2mm)		HD (1280 x 800)		IPS	Typ. 400nits	Typ. 60%			160°	Touchpad	None																							
						Min. 350nits	Min. 55%																												
						Typ. 350nits	Typ. 60%																												
						Min. 320nits	Min. 55%																												
Multi-touch	TDDI, Capacitive-type multi-touch, supports 10-point touch						Security chip	None																											
Memory	2GB or 3GB / LPDDR3, soldered to systemboard						Fingerprint reader	None																											
Storage	16GB or 32GB eMMC (Embedded Multi Media Card), flash memory on board						VoiceCall (Opt)	VoiceCall																											
Card slot	One single card slot (WiFi model) or one dual-card slot (LTE model), supports Nano-SIM card + MicroSD/TF card (Up to 128GB, FAT32)						Battery type	Li-ion Polymer 5000mAh (Minimum) / 5100mAh (Typical)																											
Bluetooth®	Bluetooth 5.0						Battery life	Standby Time: Over 2wks Online Video playback Time: Up to 12hrs Browsing Time: Up to 18hrs * Battery life varies significantly with hardware configurations, settings, usage, & other factors																											
WLAN	802.11 a/b/g/n/ac, 1x1, 2.4 GHz / 5 GHz Wi-Fi Dual Bands						AC adapter	5V/1A or 5V / 2.0A																											
WWAN (Optional)	4G LTE connectivity						Charging time	Over 3.3hrs																											
LTE Band	GSM:		B2/B3/B5/B8				Preload	Android® Pie		Third-party applications																									
	WCDMA:		B1/B2/B5(B6/B19)/B8					Lenovo applications		<ul style="list-style-type: none"> <li>• Google</li> <li>• Maps</li> <li>• Gmail</li> <li>• YouTube</li> <li>• Messages (TB-8505F)</li> <li>• Phone (TB-8505F)</li> <li>• Google Chrome</li> <li>• Google Photos</li> <li>• Duo</li> <li>• Calendar</li> <li>• Files</li> <li>• Netflix (ROW version)</li> </ul>																									
	FDD LTE:		B1/B2/B3/B4/B5(B19)/B7/B8/B20					<ul style="list-style-type: none"> <li>• Camera</li> <li>• FM Radio</li> <li>• Tablet Manager</li> </ul>																											
	TDD LTE:		B38/B40																																
NFC	None						Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>• 1-year mail-in service</li> <li>• 2-year/1-yr battery mail-in service</li> <li>• 1-year courier / depot service</li> <li>• 2-year/1-yr battery courier / depot service</li> <li>• 1-year customer carry-in service</li> <li>• 2-year/1-yr battery customer carry-in service</li> <li>• 2-year/1-yr battery courier / depot or customer carry-in service</li> </ul>																											
WiFi Direct	Yes						Environment	RoHS-compliant																											
WiFi Display	Yes																																		
WHD	None																																		
FM Radio	Yes																																		
A-GPS (Optional)	Yes																																		
GPS	Yes																																		
Glonass	Yes																																		
Beidou	Yes																																		
Vibrator (Opt)	Yes																																		
G-sensor	Accelerometer sensor																																		
P-sensor (Opt)	Proximity sensor																																		
L-sensor (Opt)	Ambient sensor																																		
E-compass	None																																		
Hall Sensor	None																																		
Gyroscope	None																																		
Proofing	IP5X																																		
Dimensions	WxDxH: 7.84" x 4.79" x 0.32"; 199.1mm x 121.8mm 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/TF slot or dual-card slot for Nano-SIM card and MicroSD/TF card * Depending on many factors, actual data transfer speed may be lower than theoretical speed																																		
Buttons	Power key, volume key																																		
Bundled Accy	Optional: Back Cover and Film; Earphone (ZA5H0133IN only)																																		

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

Lenovo  
April 2020

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