

Tab M8 HD (2nd Gen) ZA620023SE

Product

Lenovo TB-8505F

Region

NORTH

Country/Region

Sweden

Machine Type

ZA62

TopSeller

TopSeller

Processor

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

Graphics

Integrated IMG PowerVR GE-class GPU

Chipset

MediaTek SoC Platform

Memory

2GB Soldered LPDDR3

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

None

Card Reader

MicroSD Card Holder Tray

Bundled Accessories

None

Case 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

Base Warranty

2-year, Depot

EAN / UPC / JAN

194552448905

Announce Date

2020-04-14

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 MediaTek Helio A22 (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 PowerVR GE-class GPU							Audio	* Front 2.0MP + Rear 8.0MP is available for India only 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%	Typ. 60%		160°	Touchpad	None																								
						Min. 350nits	Min. 55%	Min. 55%																												
						Typ. 350nits	Typ. 60%	Typ. 60%																												
						Min. 320nits	Min. 55%	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		WCDMA:		B1/B2/B5(B6/B19)/B8		FDD LTE:		B1/B2/B3/B4/B5(B19)/B7/B8/B20		TDD LTE:		B38/B40																					
NFC	None							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																											
WiFi Direct	Yes							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 																											
WiFi Display	Yes							Environment	RoHS-compliant																											
WHDI	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)																																			

The specifications above may not be available in all regions and might change by region.

Lenovo
July 2020

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