

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			Front / Focus Mode		Rear / Focus Mode		Type	Zoom	Flash Light
Graphics	Integrated IMG GE8300 or IMG GE8320 GPU							TB-8505F	2.0MP	Fixed Focus	5.0MP	Auto Focus	CMOS	Digital	No	
Display	Size	Resolution	Type	Brightness		Color Gamut		Viewing Angle								
				Typ.	400nits	Typ.			60%							
				Min.	350nits	Min.	55%									
				Typ.	350nits	Typ.	60%									
				Min.	320nits	Min.	55%									
	8" (203.2mm)	HD (1280 x 800)	IPS													
	FHD (1920 x 1200)											Yes				
Multi-touch	Capacitive-type multi-touch, supports 10-point touch						Audio	* Front 2.0MP + Rear 8.0MP India only Single front speaker with Dolby Audio® / single microphone (mono), 3.5mm (0.14inch) combo audio / microphone jack (CTIA)								
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 One of the following, configurable by model:								
							AC adapter	• 5V/1A (HD: TB-8505F, TB-8505X) • 5V/2A (FHD: TB-8705F)								
							Charging time	Over 3.3hrs								
							Preload	Android® Pie Lenovo applications • Camera • FM Radio • Tablet Manager Third-party applications • 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									
							Limited warranty	One of the following, configurable by model: • 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								
							Environment	RoHS-compliant								
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															
Bundled Accv	Earphone (ZA5H0133IN only)															

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

Lenovo
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