

Lenovo TAB 7 Essential Platform Specifications

Product Specifications Reference (PSREF)

Processor	MediaTek® Processor MT8167D for WiFi models 64-bit Quad-Core Processor (ARM Cortex-A35, up to 1.3GHz) MT8735D for 3G/LTE models 64-bit Quad-Core Processor (ARM Cortex-A53, up to 1.1GHz)		Dimensions Weight Case color Case material	HxWxT: 7.67" x 4.02" x 0.35"; 194.8mm x 102mm x 8.8mm 0.56lb / 254g Black or white Plastic						
Graphics	WiFi model : Integrated IMG GE8300 3G/LTE model : ARM Mali-T720 GPU in processor		Ports	One Micro USB 2.0, audio combo jack, one MicroSD card slot (WiFi model) or one SIM card slot (3G/LTE model) <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>						
Memory	Max 2GB / DDR4 (WiFi model) or LPDDR3 (3G or LTE model), soldered to systemboard		Camera	Front camera: 2.0-megapixel, fixed focus Rear camera: 2.0-megapixel, fixed focus						
Display	7" (178mm) IPS (1024x600), 16.7M color depth, 55% color gamut, 300nits, 16:9 aspect ratio		Audio support	Single speaker / single microphone, receiver (3G / LTE model only) / combo audio / microphone jack						
Multi-touch	Capacitive-type multi-touch, support 5 fingers		Keyboard	None						
Storage	WiFi model : 8GB or 16GB eMMC (embedded Multi Media Card) 3G / LTE model : 8GB or 16GB eMCP (embedded Multi-Chip Package)		Touchpad	None						
Card slot	WiFi model : MicroSD card slot, support FAT 32 up to 128GB 3G / LTE model : Single Nano-SIM slot, support single SIM card + MiscroSD card (up to 128GB)		Security chip	None						
Optical	None		Fingerprint reader	None						
Ethernet	None		VoiceCall (opt)	Support voice call, only on 3G / LTE models						
Bluetooth	Bluetooth 4.1 for 3G or LTE model; bluetooth 4.0 for WiFi model		Battery	Li-ion Polymer, 1 cell (3450 mAh)						
WLAN	802.11 /b/g/n		Battery Life	General Usage : Up to 20 hr Standby Time : Over 2 weeks Video (720p) playback Time : Over 10 hr Browsing Time: • WiFi : Over 10 hr • 3G : Over 10 hr • LTE : Over 10 hr <i>* Battery life varies significantly with settings, usage, & other factors</i>						
WWAN	3G WCDMA or 4G LTE connectivity		AC adapter	5V/1A AC adapter						
Network coverage	<table><tr><th>3G</th><th>LTE</th></tr><tr><td>GSM : B2/3/5/8</td><td>LTE: B1/3/34/38/39/40/41 (PRC)</td></tr><tr><td>UMTS: B1/2/5/8</td><td>LTE: B1/3/7/8/20 (WW)</td></tr></table>		3G	LTE	GSM : B2/3/5/8	LTE: B1/3/34/38/39/40/41 (PRC)	UMTS: B1/2/5/8	LTE: B1/3/7/8/20 (WW)	Preload	Android® Nougat 7.0 • Lenovo® Account • Lenovo Framework • Lenovo User Experience • ePOS • Google Calendar
3G	LTE									
GSM : B2/3/5/8	LTE: B1/3/34/38/39/40/41 (PRC)									
UMTS: B1/2/5/8	LTE: B1/3/7/8/20 (WW)									
NFC	None		Limited warranty	1-year or 2-year limited warranty						
Vibrator (optional)	Vibrator (3G or LTE model only)		Environment	RoHS-compliant						
G-sensor	G-sensor									
P-sensor	None									
L-sensor	None									
GPS	GPS and A-GPS									
E-compass	None									
Hall Sensor	None									
Gyroscope	None									
Proofing	None									

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

Lenovo
March 2019