



EM-T81X

Enterprise-Grade Rugged Tablet

- Android 14 (GMS) OS
- Dual-band Wi-Fi, Bluetooth 5.2, 4G LTE
- Supports 2D, NFC and other functional modules
- 8-inch IPS screen, 800x1280 FHD, 700 nits
- 6000mAh battery, 7 hours of machine endurance
- IP65 high protection level, in accordance with MIL-STD-810H



Durability	MIL-STD-810H certified 4ft, 26 drops (each side, edge, and corner) IP65 certified ±8kV contact discharge, ±15kV air discharge
Operating System	Android 14 (GMS) Optional Android 12 (GMS)
Processor	Octa-core ARM (2x Cortex-A76 up to 2.2 GHz, 6x Cortex-A55 up to 2.0 GHz)
Graphics	Arm Mali-G57 MC2
Memory	8GB LPDDR4x on board
Storage	128GB UFS
Display	8.0", HD (800x1280), 700 nits 10-point capacitive touch screen
Audio	Integrated microphone Integrated 1W speaker
Camera	MF 5.0 MP front camera AF 13.0 MP rear camera
Keyboard & Input	User-definable key (default scan key) x1 Volume up key x1, Volume down key x1, Power key x1
Network & Connectivity	Intel® Wi-Fi 5 (802.11 ac) Bluetooth® 5.2 4G LTE GSM: 2+3+5+8 WCDMA: 1+2+5+8 TDD: 38+39+40+41N (2535mhz to 2655mhz) FDD: 1+2+3+4+5+7+8+17+20+28a+28b GPS/Glonass/Beidou module

Security	HF-RFID (NFC) reader
Data Capture	Optional 1D/2D barcode reader
I/O Interface	Micro SD card x1 USB 2.0 (Type-A) x1 USB 2.0 (Type-C) x1 3.5 mm audio jack x1 3.5 mm DC in jack x1 12-pin PogoPin x1 (Charge&USB)
Battery & Charging	AC adapter: 100-240V, 50Hz-60Hz, 15W (5V/3A) Li-ion battery, 3.8V, 6000mAh, 7h
Environment	Operating temperature: -20°C to 60°C (-4°F to 140°F) Storage temperature: -30°C to 70°C (-22°F to 158°F) Humidity: 95% (non-condensing)
Dimension	227.7 mm(L) × 150.8 mm(W) × 24.7 mm(H)
Weight	680g
Accessories	Standard: Hand strap, Cable (Type-C), Adapter, Docking charger, Vehicle mount
Warranty	One-year limited warranty standard

1. Please contact your sales representative for feature availability.

2. Battery life data is provided by Emdoor's laboratory. Default test conditions: 300 nits display brightness, 30 cm/70 dB sound level. Actual results may vary depending on test environments and methods.

3. Certified to MIL-STD-810H and IP standards. For specific test items and methods, please refer to the latest official test report.

4. Body dimensions and weight are measured by Emdoor's laboratory. Variations may occur due to measurement methods and manufacturing processes.

5. All product images, specifications, user interface, and features are for reference only and may vary by production batch or other factors. All information is subject to change without prior notice.

ACCESSORIES

Standard



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