



EM-Q225MP

Rugged Tablet / Notebook





EM-Q225MP Rugged Tablet / Notebook Performance to a New Level.



The EM-Q225MP combines an ARM 5G octa-core processor, Android 14 OS, extensive I/O ports, and a removable 12,600mAh battery. Ideal for engineers, inspectors, and field professionals, it ensures fast data transfer, smooth multitasking, accurate scanning, and all-day productivity.

- ARM octa-core processor for high-performance multitasking
- Supports 5G / 4G LTE / Wi-Fi 6E / BT 5.2 / NFC for fast connectivity
- 12.2" IPS touchscreen with stylus support for precise operation
- Rich I/O ports and a removable keyboard, doubling work efficiency
- Removable 12,600mAh battery supporting all-day operation
- IP65 & MIL-STD-810H certified for harsh field environments



Durability	- MIL-STD 810H certified 4ft, 26 drops (each side, edge, and corner) - IP65 compliant ±8kV contact discharge, ±15kV air discharge	Security	HF-RFID (NFC) reader
Operating System	Android 14	Data Capture	Optional 1D/2D barcode reader
Processor	- Qualcomm® QCM6490 (8 cores, 1 x A78 2.7GHz + 3 x A78 2.4GHz + 4 x A55 1.9GHz)	I/O Interface	- Micro SD card x 1 - SIM card x 1 - USB 3.0 (Type-A) x1 - USB 2.0 (Type-A) x2 - USB 2.0 (Type-C) x1 3.5mm audio jack x1 - HDMI 1.4 mini x1 3.5 mm DC in jack x1 10/100M/1000M Ethernet (RJ45) x1 12-pin Pogo pin x1 (Charge & USB) - Serial port (RS232: D-sub, 9-pin) x1 - Serial port (RS485: D-sub, 9-pin) x1
Graphics	Qualcomm® Adreno™ 643L	Battery & Charging	- Li-ion battery, 3.7V, 12600mAh, 7.9h - Separate RTC 3V/1mAh - AC adapter: 100-240V, 20W (5V/4A)
Memory	8GB LPDDR4x	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)
Storage	128GB UFS	Dimension	319.6 mm (L) × 216 mm (W) × 24.3 mm (H)
Display	12.2" FHD (1920 x 1200), 700 nits 10-point capacitive touch screen, supports GP930 active pen	Weight	1500g
Audio	- Integrated 1W speaker x2 - Integrated microphone - Class K	Accessories	- Standard: Adapter, Stand, Hand strap, Carry handle - Optional: Docking charger, Vehicle mount, Back strap, Car charger, Removable battery, Removable keyboard, Shoulder strap
Camera	- MF 5.0 MP front camera - AF 13.0 MP rear camera	Warranty	One-year limited warranty standard
Keyboard & Input	6 buttons (user-definable keys x3)		
Network & Connectivity	- Wi-Fi 6E (802.11 ax) - Bluetooth® 5.2 5G: SA/NSA n1/3/5/7/8/20/28/38/40/41/77/78/79 4G: B1/2/3/4/5/7/8/12/17/18/19/20/26/28/32/34/38/39/40/41/42 3G: B1/2/4/5/6/8/19 2G: B2/3/5/8 - GPS/GLONASS/Beidou/Galileo/QZSS		

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









Adapter

Stand

Hand Strap

Carry Handle

Optional















Docking Charger

Vehicle Mount

Removable Keyboard

Removable Battery

Car Charger

Back Strap

Shoulder Strap

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