

EM-Q885M

Rugged Tablet PC

Built to Conquer Any Task

mobilator.plTM



Performance

- Qualcomm Kryo™ 670 CPU and the AI-accelerated Qualcomm Hexagon™ 770 processor
- Android 14 OS, paired with 8GB+128GB of expansive memory
- 8-inch screen, with a high-capacity 10000mAh battery

Communication

- Integrated with a 5G modem and RF system, it supports mmWave and sub-6 GHz bands
- TDD and FDD modes, and SA and NSA network deployments, covering nearly all critical regions worldwide
- Enhanced wireless connectivity with Wi-Fi 6E, BT5.2

Function

- GPS/GLONASS/Beidou navigation, L1+L5 dual-band positioning
- Supports NFC fast card reading, multiple communication protocols
- Optional QR Code Module, quickly scan various 1D and 2D barcodes

Reliability

- Constructed with wear-resistant materials, shock-absorbing architecture, and protective corner design
- Certified with IP65 dust and water resistance
- Rigorously tested to MIL-STD-810H standards, 1.22m drop protection

Product Six Views



* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic parameters	
Dimension	236.7 x 155.7 x 20.8mm
Weight	820g
Device Color	Black
LCD	8 inch FHD 16:10, 1200x1920, 550nits Optional: HD, Resolution: 800*1280, Brightness: 1000nits
Touch Panel	5-point Capacitive Touchscreen, Tempered Glass, G+G, Hardness: 7H
Camera	Front 5.0MP Rear 13.0MP Supports autofocus, with flashlight
I/O	USB 3.0 Type-A x 1, Type-C(Data&Charging) x 1 Nano-SIM x 2/Micro SD Supports up to 512GB x 1 +Nano-SIM x 1 (three-in-one card slot) HDMI x 1, 12PIN Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, DC Supports 5V/4A Charging x 1
Power	Power Input 100-240VAC0.5A50/60Hz DC Output 5V/4A

Communication	
WIFI	Wi-Fi 6E& DBS, IEEE 802.11a/ b/ g/ n/ ac/ ax, Wi-Fi 2 x 2 MU-MIMO
Bluetooth	BT5.2(BLE)
2G/3G/4G/5G	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
GNSS	Supports: GPS/GLONASS/BDS; Dual-frequency L1 + L5;

Performance parameter	
CPU	Octa-core 2.7G ARM
OS	Android 14/GMS
RAM	8GB LPDDR4x
ROM	128GB EMMC

Battery	
Capacity	3.8V/10000mAh
Type	Removable Polymer Lithium-ion Battery
Endurance	Above 8 hrs (Default 50% volume, Connected to WiFi, Default 200 nits brightness, Playing 1080P HD video)
RTC	Built-in rechargeable 3V/1mAh lithium-ion battery

Data Collection	
NFC	Built-in, 13.56MHz, Supports 14443A/14443B/15693 of ISO/IEC Card reading distance: 0-4cm
2D	Optional, Optical resolution: 5mil Scanning speed: 50 times/s

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810H certified
Drop Height	1.22m

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.

