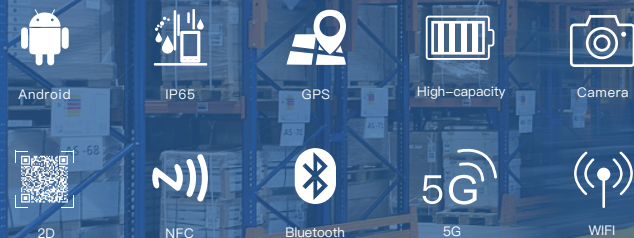


# EM-Q185M

## Rugged Tablet PC

# Built to Conquer Any Task



## Performance

- Qualcomm Kryo™ 670 CPU and the AI-accelerated Qualcomm Hexagon™ 770 processor
- Android 14 OS, paired with 8GB+128GB of expansive memory
- 10-point capacitive touchscreen, G+G, tempered glass, hardness 7H

## 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	274.9 x 188.7 x 22.2mm
Weight	1020g
Device Color	Blcak
LCD	10.1 inch FHD 16:10, 1200x1920, 1000nits
Touch Panel	10-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), RJ45 x 1, 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;

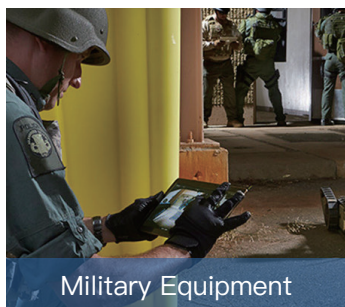
Performance parameter	
CPU	Octa-core 2.7G ARM
OS	Android 14/GMS
RAM	8GB LPDDR4x
ROM	128GB EMMC
Battery	
Capacity	3.8V/10000mAh
Type	Removable Polymer Lithium-ion Battery
Endurance	6 hrs (Default 50% volume, Connected to WiFi, Default 200 nits brightness, Playing 1080P HD video)
RTC	Built-in rechargeable 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.



Outdoor Exploration



Military Equipment



Finance



Animal Husbandry