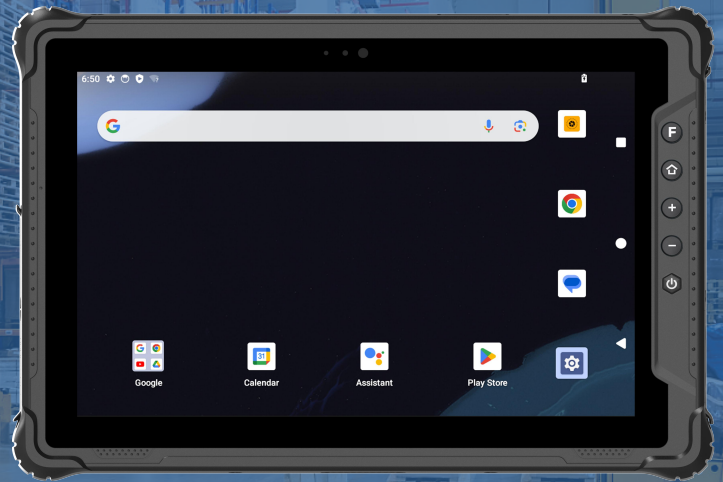


# EM-Q185M

## 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<br>Rear 13.0MP Supports autofocus, with flashlight                                                                                                                                                                                                 |
| I/O              | USB 3.0 Type-A x 1, Type-C(Data&Charging) x 1,<br>Nano-SIM x 2/Micro SD Supports up to 512GB x 1,<br>+Nano-SIM x 1 (three-in-one card slot), RJ45 x 1,<br>HDMI x 1,12PIN Pogo Pin x 1,<br>Φ3.5mm standard earphone jack x 1,<br>DC Supports 5V/4A Charging x 1 |
| Power            | Power Input 100–240VAC0.5A50/60Hz<br>DC Output 5V/4A                                                                                                                                                                                                           |
| Communication    |                                                                                                                                                                                                                                                                |
| WIFI             | Wi-Fi 6E& DBS, IEEE 802.11a/ b/ g/ n/ ac/ ax,<br>Wi-Fi 2 x 2 MU-MIMO                                                                                                                                                                                           |
| Bluetooth        | BT5.2(BLE)                                                                                                                                                                                                                                                     |
| 2G/3G/4G/5G      | 5G:SA/ NSA:<br>n1/ 3/ 5/ 7/ 8/ 20/ 28/ 38/ 40/ 41/ 77/ 78/79<br>4G:<br>B1/ 2/ 3/ 4/ 5/ 7/ 8/ 12/ 17/ 18/ 19/ 20/<br>26/ 28/ 32/ 34/ 38/ 39/ 40/ 41/ 42<br>3G:<br>B1/ 2/ 4/ 5/ 6/ 8/ 19<br>2G:<br>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,<br>Default 200 nits brightness, Playing 1080P HD video) |
| RTC                   | Built-in rechargeable 3V/1mAh lithium-ion battery                                                     |
| Data Collection       |                                                                                                       |
| NFC                   | Built-in, 13.56MHz,<br>Supports 14443A/14443B/15693 of ISO/IEC<br>Card reading distance: 0–4cm        |
| 2D                    | Optional, Optical resolution: 5mil<br>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.

