

EM-Q89

Rugged Tablet PC

Delivering the performance you need



Performance

- ARM OCTA CPU with up to 2.4 GHz
- Windows 11 OS, 4GB+128GB
- 8 inch FHD screen with 10-point touch

Communication

- Dual band WIFI 2.4G/5.0G(5.1G/5.8G)
- High speed 4G LTE
- Upgrade BT 5.1, fast and more stable

Function

- Professional 2D scanner
- Support GPS high-accuracy positioning
- Equipped with multiple accessories, like docking charger, hand-strap

Reliability

- IP65 Waterproof and Dustproof
- Impact resistance: Drop resistant Up To 1.22 m
- Built to operate in extreme temperatures

Product Six Views



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

Specification Parameter

Basic parameters	
Dimension	219 x 139 x 12.5 mm
Weight	524 g
Device Color	black
LCD	8 inch FHD 16:10, 1200x1920, 550 nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP, Auto focus
I/O	Type C (USB3.0/OTG) x 1, SIM Card x 1, TF Card x 1 Max: 512GB, (Two out of three Cato) 12pins Pogo Pin x 1
Power	USB Type-C interface, Voltage stabilization 12V/3A, 36W

Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G/5.0G or 5.1G/5.8G) Support AP seamless roaming
Bluetooth	BT5.1 Transmission distance: 10 m
2G/3G/4G (Optional)	European version frequency band: GSM: NA WCDMA: B1/B3/B5/B8 FDD: B1/B3/B5/B7/B8/B20/B28(a/b) TDD: B38/B39/B40/B41 Optional, American version band: GSM: NA WCDMA: B2/B4/B5 FDD: B2/B4/B5/B12/B13/B14/B17/B25/B26/B30/B66/B71 TDD: B38/B41
GNSS	Built-in GPS Optional, software enables single GPS+BeiDou+Galileo/ GLONASS mode

Performance parameter	
CPU	ARM OCTA Core
OS	Windows 11
RAM	4GB
ROM	128GB

Battery	
Capacity	3220mAh/7.6V
Type	Built-in Li-polymer battery
Endurance	10.5 hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Data Collection	
2D	Optional, Optical resolution: ≥3 mil scan speed: 75 times /s Code system: 1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, AIM128, Plessey, MSL_x005f_x005f_x005f_x005f_x0002_Plessey 2D: PDF417, QR Code, Micro QR, Data Matrix

Reliability	
Operate Temperature	-10 °C ~ 50 °C
Store Temperature	-20 °C ~ 60 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified
Drop Height	1.22 m

Application Range

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



Manufacturing Industry



Banking Finance



Animal Husbandry



Outdoor Exploration