

EM-R88

Rugged Tablet PC

Solid and practical, professional and efficient



Android



IP65



GPS



Dual-battery



Camera



NFC



4G



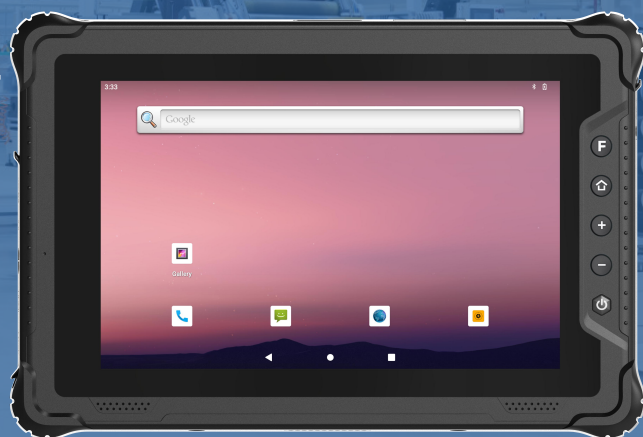
WIFI



Bluetooth



2D



Performance

- RK3568 quad-core processor
- Android 12 OS, 4 GB of LPDDR4 RAM and 128 GB storage
- 8-inch IPS screen, support 10-point capacitive touch

Communication

- High speed 2G/3G/4G network
- 2.4G+5.0G dual-band Wi-Fi
- BT5.0 fast transmission

Features

- Professional 2D scanner and NFC reader
- Support GPS+BeiDou
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, removable battery

Reliability

- IP65 Waterproof and Dustproof
- Vibration & 1.2m drop resistant
- MIL-STD-810H certified

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	Device unit 818 g
Device Color	Black
LCD	8 inch IPS 16:10, 800x1280, 700 nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1 (MAX 512GB), Φ3.5mm standard earphone jack x 1, DC jack x 1, HDMI x 1, 12PIN Pogo Pin x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 5V/4A
Network connections	
WIFI	WIFI 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT5.0 Transmission distance: 10 m
2G/3G/4G	GSM: 900/1800 WCDMA: B1/B5/B8 TDD: B40 FDD: B1/B3/B5/B7/B8/B20
GNSS	Support GPS+BeiDou

Performance parameter	
CPU	RK3568
OS	Android 12
RAM	4GB
Storage	128GB
Battery	
Capacity	3.8V/10000mAh
Type	Removable Li-polymer battery
Endurance	11hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)
Reliability	
Operate Temperature	-15 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop
Data Collection	
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s
NFC	Optional, 13.56MHz, Support ISO/IEC 14443A protocol Card reading distance: 3-5cm

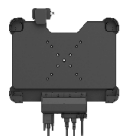
Accessories



Hand-strap



Docking Charger



Vehicle Bracket



Removable battery



Car Charger



Quad charging

Application Range

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



Warehouse & Logistic



Outdoor Exploration



Energy



Manufacturing Industry