

# Rugged Tablet PC

## EM-R16



### Functions

- Support for Android 13 system
- 2G/3G/4G all network communication, WiFi, Bluetooth and other communication modes
- 5000mAh battery, 7.5 hours of machine endurance
- IP65 high protection level, in accordance with MIL-STD-810H
- Support GPS/Beidou more accurate positioning
- Rear 13 million pixel auto focus camera, easy to collect image and video information
- Support 2D, NFC, Fingerprint and other functional modules for free selection

### Product Six Views



# Specification Parameter

Basic parameters	
Dimension	280.4 x 187 x 26.6mm
Weight	Device unit 1014g
Device Color	Black
LCD	10.1 inch IPS 16:10, 1200x1920, 700nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP
I/O	Standard USB 3.0 *1, Type C *1 (Data & Charing) 3.5mm Standard earjack *1 Standard USB2.0 *2 SIM card *1 TF card *1, Max: 512GB DC 12V 4A 4.0mm jack *1 12PIN Pogo Pin *1 RJ45 network port 1 (10/100M/1000M adaptive)
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 12V/4A
Communication	
WIFI	WIFI 802.11 a/b/g/n/ac (2.4G+5G)
Bluetooth	BT5.0 Transmission distance: 10m
2G/3G/4G	LTE FDD B1/B3/B5/B7/B8/B20 LTE TDD B40 WCDMA B1/B5/B8 GSM 900/1800
GNSS	Support GPS+Beidou

Performance parameter	
CPU	RK3588
OS	Android 13
RAM	8GB
ROM	128GB, Optional SSD, M.2, 2280 specification, SATA protocol, maximum capacity 512GB
Battery	
Capacity	7.4V/5000mAh
Type	Li_polyment, removeable battery
Endurance	7.5 hrs ( 50% volume sounds, 50% screen brightness, 1080P HD video display by default )
Data Collection	
NFC	Built-in, 13.56MHz, Support ISO/IEC 14443A protocol Card reading distance: 4cm
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s
Fingerprint	Optional
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

## Accessories



Removable Battery



Hand-strap



Back-strap



Carry Handle



Shoulder-strap



Docking Charger

## Application Range

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



Equipment Testing



Industrial Automation



Vehicle



Medical Treatment