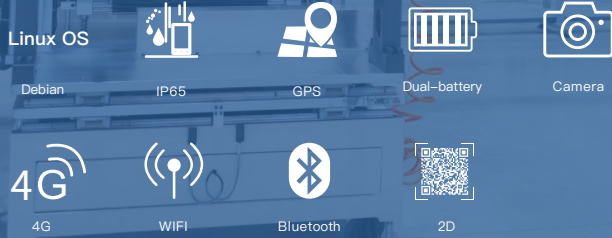
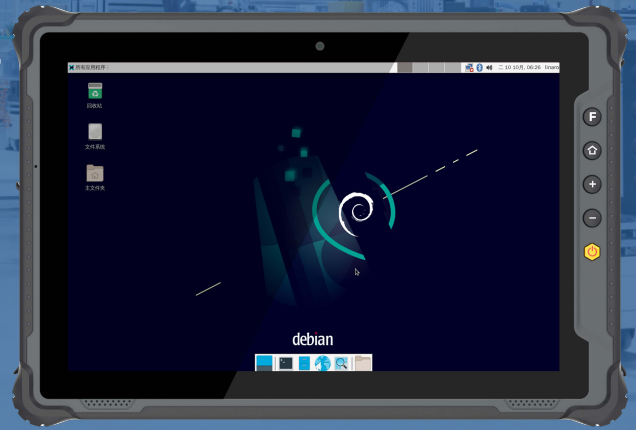


# EM-R18 (Linux version)

Rugged Tablet PC

## Solid and practical, professional and efficient



### Performance

- RK3568 quad-core processor
- Debian 11 OS, Maximum 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
- Support GPS+BeiDou
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, removable battery

### Reliability

- IP65 Waterproof and Dustproof
- Vibration & 1.22 m drop resistant
- MIL-STD-810H certified

### Product Six Views



# Specification Parameter

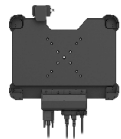
Basic parameters	
Dimension	274.9 x 188.7 x 22.2 mm
Weight	Device unit 1028 g
Device Color	Gray
LCD	10.1 inch IPS 16:10, 800x1280, 700 nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1 (MAX 512GB), Φ3.5mm standard earphone jack x 1, DC jack x 1, HDMI x 1, 12PIN Pogo Pin x 1
Three-option interface	USB 2.0 x 1 RJ45 100M x 1 RS232 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	Debian 11
RAM	4GB
Storage	128GB
Battery	
Capacity	3.8V/10000mAh
Type	Removable Li-polymer battery
Endurance	8hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)
Reliability	
Operate Temperature	-15 °C ~ 55 °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

## Accessories(Optional)



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.

