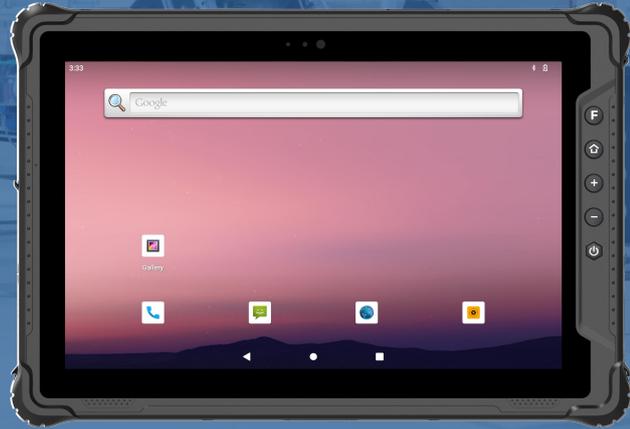


# EM-R18

## Rugged Tablet PC

Solid and practical,  
professional and efficient



### Performance

- RK3568 quad-core processor
- Android 12 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 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 & 1.22 m 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              | 274.9 x 188.7 x 22.2 mm   |
| Weight                 | Device unit 1028 g  |
| Device Color           | Black   |
| 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<br>RJ45 100M x 1<br>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<br>Transmission distance: 10 m  |
| 2G/3G/4G               | GSM: 900/1800<br>WCDMA: B1/B5/B8<br>TDD: B40<br>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             | 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/<br>scan speed: 50 times/s                          |
| NFC                   | Optional, 13.56MHz,<br>Support ISO/IEC 14443A protocol<br>Card reading distance: 3-5cm |

## 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.



Warehouse & Logistic



Outdoor Exploration



Energy



Manufacturing Industry