



EM-R16

Enterprise-Grade Rugged Tablet

- RK3588 processor, supports Android 13 OS
- Wi-Fi/4G/BT 5.0, multiple communication options
- Support 2D, NFC, fingerprint and other functional modules
- Supports GPS/Beidou for more accurate positioning
- 5000mAh battery, 7.5 hours of endurance
- IP65 high protection level, certified with MIL-STD-810H



Durability	- MIL-STD-810H certified 4ft, 26 drops (each side, edge, and corner) - IP65 certified ±8kV contact discharge, ±15kV air discharge
Operating System	Android 13
Processor	RK3588 (3MB cache, up to 2.4GHz, 4xCortex-A76 + 4xCortex-A55 cores)
Graphics	ARM Mali-G610 MC4
Memory	8GB LPDDR4x on board
Storage	128GB eMMC - Optional 1TB SATA SSD
Display	10.1" FHD (1200x1920), 700 nits sunlight readable display 10-point capacitive touch screen
Audio	- Integrated microphone - Integrated 0.8W speaker - Audio power amplifier
Camera	- MF 5.0 MP front camera - AF 13.0 MP rear camera
Keyboard & Input	5 buttons (2 user-definable key)
Network & Connectivity	- Intel® Wi-Fi 5 (802.11 ac) - Bluetooth® 5.0 4G LTE LTE-FDD: B1/3/5/7/8/20 LTE-TDD: B40 WCDMA: B1/5/8 GSM: 900/1800 China (China Unicom, China Telecom, China Mobile), Europe, the Middle East, Africa, Taiwan, Japan - GPS/Beidou module (L1+L5)

Security	- HF-RFID (NFC) reader - Optional fingerprint scanner
Data Capture	Optional 1D/2D barcode reader
I/O Interface	- Micro SD card x1 - SIM card x1 - USB 2.0 (Type-A) x2 - USB 3.0 (Type-A) x1 - USB 3.0 (Type-C) x1 4.0mm DC in jack x1 3.5mm audio jack x1 10/100M/1000M RJ45 x1 12-pin Pogo pin x1 (charge & USB)
Battery & Charging	- AC adapter: 100-240V, 50Hz-60Hz, 48W (12V/4A) - Li-ion battery, 7.4V, 5000mAh, 7.5h - RTC 3V/1mAh on board
Environment	- Operating temperature: -20°C to 60°C (-4°F to 140°F) - Storage temperature: -30°C to 70°C (-22°F to 158°F) - Humidity: 95% (non-condensing)
Dimension	280.4 mm(L) × 187 mm(W) × 26.6 mm(H)
Weight	1014g
Accessories	- Standard: Adapter, Hand strap, Handle - Optional: Back strap, Shoulder strap, Docking charger, Vehicle mount, Removable battery
Warranty	One-year limited warranty standard

1. Please contact your sales representative for feature availability.
2. Battery life data is provided by Emdoor's laboratory. Default test conditions: 300 nits display brightness, 30 cm/70 dB sound level. Actual results may vary depending on test environments and methods.
3. Certified to MIL-STD-810H and IP standards. For specific test items and methods, please refer to the latest official test report.
4. Body dimensions and weight are measured by Emdoor's laboratory. Variations may occur due to measurement methods and manufacturing processes.
5. All product images, specifications, user interface, and features are for reference only and may vary by production batch or other factors. All information is subject to change without prior notice.

ACCESSORIES

Standard



Adapter



Hand Strap



Handle

Optional



Back Strap



Shoulder Strap



Docking Charger



Vehicle Mount



Removable Battery

CONTACT US

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