



M80R

Enterprise-Grade Rugged Tablet

- Rockchip RK3568 processor with Android 12 OS
- 8" FHD display with brightness up to 700 nits
- Dual-band Wi-Fi, BT5.0 and 4G connectivity
- Optional 1D/2D barcode reader and NFC module
- Removable 3.8V/10000mAh large battery
- IP65 high protection rating, 1.2m drop resistance



- Durability**
- MIL-STD-810H certified
 - 4ft, 26 drops (each side, edge, and corner)
 - IP65 certified
 - ±6kV contact discharge, ±10kV air discharge

- Operating System**
- Android 12

- Processor**
- RK3568
 - Quad-core ARM Cortex-A55
 - Maximum frequency: 2.0 GHz

- Graphics**
- Mali-G5 2-2EE

- Memory**
- 4GB LPDDR4x on board

- Storage**
- 128GB eMMC

- Display**
- 8", HD (800x1280), 700 nits
 - 10-point capacitive touch screen, supports an active pen

- Audio**
- Integrated microphone
 - Integrated 1W speaker x2
 - Class K

- Camera**
- MF 5.0 MP front camera
 - AF 8.0 MP rear camera

- Keyboard & Input**
- 5 buttons (user-definable key x1)

- Network & Connectivity**
- Wi-Fi 802.11 a/b/g/n/ac
 - Dual-frequency: 2.4G+5.8G
 - Bluetooth® 5.0
 - WCDMA: B1/5/8
 - FDD-LTE: B1/B3/B5/B7/B8/B20
 - TDD-LTE: B40
 - GPS/Beidou module

- Security**
- Optional HF-RFID (NFC) reader

- Data Capture**
- Optional 1D/2D barcode reader

- I/O Interface**
- Li-ion battery, 3.8V, 10000mAh, 8h
 - RTC 3V/1mAh on board
 - AC adapter: 100-240V, 50Hz-60Hz, 20W (5V/4A)

- Battery & Charging**
- Micro SD card x1
 - SIM card x1
 - USB 3.0 (Type-A) x1
 - USB (Type-C) x1 (Data&PD Charging)
 - 3.5mm audio jack x1
 - HDMI 1.4a mini x1
 - 3.5 mm DC in jack x1
 - 12-pin Pogo Pin x1 (Charge&USB)

- 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**
- 236.7 mm(L) × 155.7 mm(W) × 20.8 mm(H)

- Weight**
- 818g

- Accessories**
- Standard: Adapter, Hand strap
 - Optional: Docking charger, Vehicle mount, Removable battery, Quad charging dock

- 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 (US)



Adapter (EU)



Hand Strap

Optional



Docking Charger



Quad Charging Dock



Vehicle Mount



Removable Battery

CONTACT US

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