



M80N

Enterprise-Grade Rugged Tablet

- New generation Intel® N150 processor
- 8" FHD display with resolution up to 1920x1200
- Dual-band Wi-Fi 6, BT5.2 and optional 4G/5G
- Versatile I/O options including USB 3.2, Type-C and HDMI
- Optional 1D/2D barcode reader and NFC module
- MIL-STD-810H and IP65 certified



Durability	<ul style="list-style-type: none"> MIL-STD 810H certified 4ft, 26 drops (each side, edge, and corner) IP65 certified ±8kV contact discharge, ±10kV air discharge
Operating System	<ul style="list-style-type: none"> Windows 11 Home Optional Windows 11 Pro/IOT
Processor	<ul style="list-style-type: none"> Intel N150 (6MB cache, up to 3.6 GHz, 4 cores, 4 threads, TDP 6W)
Graphics	<ul style="list-style-type: none"> Intel® Graphics
Memory	<ul style="list-style-type: none"> 8GB LPDDR5 on board Optional 16GB LPDDR5
Storage	<ul style="list-style-type: none"> 128GB eMMC Optional 256GB eMMC
Display	<ul style="list-style-type: none"> 8", FHD (1200x1920), 550 nits 10-point capacitive touch screen, supports an active pen
Audio	<ul style="list-style-type: none"> Integrated 1W speaker Integrated microphone Class K
Camera	<ul style="list-style-type: none"> MF 5.0 MP front camera AF 8.0 MP rear camera
Keyboard & Input	<ul style="list-style-type: none"> 5 buttons (user-definable key x1)
Network & Connectivity	<ul style="list-style-type: none"> Intel® Wi-Fi 6 (802.11 ax) Bluetooth® 5.2 4G LTE <ul style="list-style-type: none"> LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 WCDMA: B1/5/8 GSM: / Optional 4G LTE <ul style="list-style-type: none"> LTE-FDD: B2/4/5/12/13/17/18/25/26 LTE-TDD: B41 WCDMA: B2/4/5 CDMA & EVDO: BC0/BC1 GSM: 850/1900 Optional 4G LTE <ul style="list-style-type: none"> LTE-FDD: B2/4/5/7/8/28 LTE-TDD: B40 WCDMA: B2/5/8 GSM: 850/900/1900 Optional 5G GPS module

Security	<ul style="list-style-type: none"> Integrated TPM2.0 Fingerprint scanner Optional HF-RFID (NFC) reader
Data Capture	<ul style="list-style-type: none"> Optional 1D/2D barcode reader
I/O Interface	<ul style="list-style-type: none"> Micro SD card x1 SIM card x1 USB 3.2 Gen 1 (Type-A) x1 USB 3.2 Gen 1 (Type-C) x1 3.5 mm audio jack x1 HDMI 2.0a mini x1 5.5 mm DC in jack x1 12-pin Pogo pin x1 (charge & USB)
Battery & Charging	<ul style="list-style-type: none"> Li-ion battery, 7.6V, 5000mAh, 7h30min RTC 3V/1mAh on board Optional separate RTC AC adapter: 100–240V, 50Hz–60Hz, 48W (12V/4A)
Environment	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 236.7 mm (L) x 155.7 mm (W) x 20.8 mm (H)
Weight	<ul style="list-style-type: none"> 818g
Accessories	<ul style="list-style-type: none"> Standard: Adapter, Hand strap Optional: Docking charger, Quad charging dock, Vehicle mount, Removable battery
Warranty	<ul style="list-style-type: none"> 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

Shenzhen Emdoor Information Co., Ltd. (Stock Code: 001314)

Tel: (+86) 400-830-4882

Email: inquiry@onerugged.com

Web: www.onerugged.com

Address: Emdoor Building, No.8 Guangke 1st Road, Pingshan District, Shenzhen

