



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 certified4ft, 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 HomeOptional 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 boardOptional 16GB LPDDR5
Storage	<ul style="list-style-type: none">128GB eMMCOptional 256GB eMMC
Display	<ul style="list-style-type: none">8", FHD (1200x1920), 550 nits10-point capacitive touch screen, supports an active pen
Audio	<ul style="list-style-type: none">Integrated 1W speakerIntegrated microphoneClass K
Camera	<ul style="list-style-type: none">MF 5.0 MP front cameraAF 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® 5.24G LTELTE-FDD: B1/3/5/7/8/20/28LTE-TDD: B38/40/41WCDMA: B1/5/8GSM: /Optional 4G LTELTE-FDD: B2/4/5/12/13/17/18/25/26LTE-TDD: B41WCDMA: B2/4/5CDMA & EVDO: BC0/BC1GSM: 850/1900Optional 4G LTELTE-FDD: B2/4/5/7/8/28LTE-TDD: B40WCDMA: B2/5/8GSM: 850/900/1900Optional 5GGPS module

Security	<ul style="list-style-type: none">Integrated TPM2.0Fingerprint scannerOptional 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 x1SIM card x1USB 3.2 Gen 1 (Type-A) x1USB 3.2 Gen 1 (Type-C) x13.5 mm audio jack x1HDMI 2.0a mini x15.5 mm DC in jack x112-pin Pogo pin x1 (charge & USB)
Battery & Charging	<ul style="list-style-type: none">Li-ion battery, 7.6V, 5000mAh, 7h30minRTC 3V/1mAh on boardOptional separate RTCAC 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) × 155.7 mm (W) × 20.8 mm (H)
Weight	<ul style="list-style-type: none">818g
Accessories	<ul style="list-style-type: none">Standard: Adapter, Hand strapOptional: 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

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