



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	Security	<ul style="list-style-type: none">Integrated TPM2.0Fingerprint scannerOptional HF–RFID (NFC) reader
Operating System	<ul style="list-style-type: none">Windows 11 HomeOptional Windows 11 Pro/IOT	Data Capture	<ul style="list-style-type: none">Optional 1D/2D barcode reader
Processor	<ul style="list-style-type: none">Intel N150 (6MB cache, up to 3.6 GHz, 4 cores, 4 threads, TDP 6W)	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) x13.5mm audio jack x1HDMI 2.0a mini x15.5 mm DC in jack x112–pin Pogo Pin x1 (Charge&USB)
Graphics	<ul style="list-style-type: none">Intel® Graphics	Battery & Charging	<ul style="list-style-type: none">Li–ion battery, 7.6V, 5000mAh, 7.5 hoursRTC 3V/1mAh on boardOptional separate RTCAC adapter: 100–240V, 50Hz–60Hz, 48W (12V/4A)
Memory	<ul style="list-style-type: none">8GB LPDDR5 on boardOptional 16GB LPDDR5	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)
Storage	<ul style="list-style-type: none">128GB EMMCOptional 256GB eMMC	Dimension	<ul style="list-style-type: none">236.7 mm (L) × 155.7 mm (W) × 20.8 mm (H)
Display	<ul style="list-style-type: none">8”, FHD (1200x1920), 550 nits10–point capacitive touch screen, supports an active pen	Weight	<ul style="list-style-type: none">818g
Audio	<ul style="list-style-type: none">Integrated 1W speakerIntegrated microphoneClass K	Accessories	<ul style="list-style-type: none">Standard: Adapter, Hand strapOptional: Docking charger, Quad charging dock, Vehicle mount, Removable battery
Camera	<ul style="list-style-type: none">MF 5.0 MP front cameraAF 8.0 MP rear camera	Warranty	<ul style="list-style-type: none">One–year limited warranty standard
Keyboard & Input	<ul style="list-style-type: none">5 buttons (user–definable key x1)	<div><div>1. Please contact your sales representative for feature availability.</div><div>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.</div><div>3. Certified to MIL–STD–810H and IP standards. For specific test items and methods, please refer to the latest official test report.</div><div>4. Body dimensions and weight are measured by Emdoor’s laboratory. Variations may occur due to measurement methods and manufacturing processes.</div><div>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.</div></div>	
Network & Connectivity	<ul style="list-style-type: none">Intel® Wi–Fi 6 (802.11 ax)Bluetooth® 5.24G LTE LTE–FDD: B1/3/5/7/8/20/28 LTE–TDD: B38/40/41 WCDMA: B1/5/8 GSM: / Optional 4G LTE 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 LTE–FDD: B2/4/5/7/8/28 LTE–TDD: B40 WCDMA: B2/5/8 GSM: 850/900/1900Optional 5GGPS module		

ACCESSORIES

Standard	Optional
<div> Adapter (US)</div> <div> Adapter (EU)</div> <div> Hand Strap</div>	<div> Docking Charger</div> <div> Quad Charging Dock</div> <div> Vehicle Mount</div> <div> Removable Battery</div>

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

