



M82A

8" High-Performance Rugged Tablet

- 8" lightweight body, making it perfect for taking anywhere
- Equipped with advanced 12th Gen Intel® Core™ processor
- An active intelligent cooling system to enhance heat dissipation
- 43.32Wh removable battery for a longer duration
- Speedy Wi-Fi 6E, enabling faster speeds and lower latency
- Versatile I/O and optional modules for all kinds of applications



Durability	<ul style="list-style-type: none">MIL-STD 810H certified4ft, 26 drops (each side, edge, and corner)IP67 certified±8kV contact discharge, ±10kV air discharge
Operating System	<ul style="list-style-type: none">Windows 11 ProOptional Windows 11 Home/IOT
Processor	<ul style="list-style-type: none">Intel i5-1235U (12MB cache, up to 4.4 GHz, 10 cores, 12 threads, TDP 15W)Optional Intel i7-1255U (12MB cache, up to 4.7 GHz, 10 cores, 12 threads, TDP 15W)
Graphics	<ul style="list-style-type: none">Intel® Iris® Xe Graphics eligible
Memory	<ul style="list-style-type: none">16GB LPDDR4 on board
Storage	<ul style="list-style-type: none">128GB SSDOptional 256GB SSDOptional 512GB SSD
Display	<ul style="list-style-type: none">8", FHD (1200x1920), 550 nitsOptional 8", HD (800x1280), 1000 nits10-point capacitive touchscreen, supports an active penOptional 10-point capacitive touchscreen, supports glove & water touch mode
Audio	<ul style="list-style-type: none">Integrated 1W speaker x1Integrated microphoneClass K
Camera	<ul style="list-style-type: none">FF 5.0 MP front cameraAF 13.0 MP rear camera and flashlight
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 6E (802.11 ax)Bluetooth® 5.34G LTELTE-FDD: B1/3/5/7/8/20/28LTE-TDD: B38/40/41GSM: /GPS/Glonass 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">Nano SIM + Micro SD cardUSB 3.2 (Type-A) x1USB 3.2 (Type-C) x110/100/1000M Ethernet (RJ45) x14.0 mm DC in jack x112-pin Pogo pin x1 (Charge & USB)
Battery & Charging	<ul style="list-style-type: none">Li-ion battery, 7.6V, 5700mAh, 6h48minRTC 3V/1mAh on boardAC 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">236.8 mm (L) × 155.8 mm (W) × 21.6 mm (H)
Weight	<ul style="list-style-type: none">About 850g
Accessories	<ul style="list-style-type: none">Standard: Adapter, Hand strapOptional: Docking charger, Shoulder strap, Carry handle, Vehicle mount, Car charger, Stylus
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


Hand strap

Optional


Docking charger


Vehicle mount


Car charger


Shoulder strap


Carry handle


Stylus

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

