



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 certified 4ft, 26 drops (each side, edge, and corner) IP67 certified ±8kV contact discharge, ±10kV air discharge 	Security	<ul style="list-style-type: none"> Integrated TPM2.0 Fingerprint scanner Optional HF-RFID (NFC) reader
Operating System	<ul style="list-style-type: none"> Windows 11 Pro Optional Windows 11 Home/IOT 	Data Capture	<ul style="list-style-type: none"> Optional 1D/2D barcode reader
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) 	I/O Interface	<ul style="list-style-type: none"> Nano SIM + Micro SD card USB 3.2 (Type-A) x1 USB 3.2 (Type-C) x1 10/100/1000M Ethernet (RJ45) x1 4.0 mm DC in jack x1 12-pin Pogo pin x1 (Charge & USB)
Graphics	<ul style="list-style-type: none"> Intel® Iris® Xe Graphics eligible 	Battery & Charging	<ul style="list-style-type: none"> Li-ion battery, 7.6V, 5700mAh, 6h48min RTC 3V/1mAh on board AC adapter: 100–240V, 50Hz–60Hz, 48W (12V/4A)
Memory	<ul style="list-style-type: none"> 16GB LPDDR4 on board 	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 SSD Optional 256GB SSD Optional 512GB SSD 	Dimension	<ul style="list-style-type: none"> 236.8 mm (L) x 155.8 mm (W) x 21.6 mm (H)
Display	<ul style="list-style-type: none"> 8", FHD (1200x1920), 550 nits Optional 8", HD (800x1280), 1000 nits 10-point capacitive touchscreen, supports an active pen Optional 10-point capacitive touchscreen, supports glove & water touch mode 	Weight	<ul style="list-style-type: none"> About 850g
Audio	<ul style="list-style-type: none"> Integrated 1W speaker x1 Integrated microphone Class K 	Accessories	<ul style="list-style-type: none"> Standard: Adapter, Hand strap Optional: Docking charger, Shoulder strap, Carry handle, Vehicle mount, Car charger, Stylus
Camera	<ul style="list-style-type: none"> FF 5.0 MP front camera AF 13.0 MP rear camera and flashlight 	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) 	<p>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.</p>	
Network & Connectivity	<ul style="list-style-type: none"> Intel® Wi-Fi 6E (802.11 ax) Bluetooth® 5.3 4G LTE LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 GSM: / GPS/Glonass module 		

ACCESSORIES

Standard



Adapter



Hand strap

Optional



Docking charger



Vehicle mount



Car charger



Shoulder strap



Carry handle



Stylus

CONTACT US

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