



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	- MIL-STD 810H certified 26 drops from 4ft (each face, edge and corner) - IP67 compliant ±8kV contact discharge, ±10kV air discharge
Operating System	- Windows 11 Pro - Optional windows 11 Home/IOT
Processor	- Intel i5-1235U (12MB Cache, up to 4.4GHz, 10 cores, 12 threads, TDP 15W) - Optional Intel i7-1255U (12MB Cache, up to 4.7GHz , 10 cores, 12 threads, TDP 15W)
Graphics	Intel® Iris® Xe Graphics eligible
Memory	16GB LPDDR4 on board
Storage	128GB SSD - Optional 256GB SSD - Optional 512GB SSD
Display	8", FHD (1200x1920), 550 Nits - Optional 8", HD (800x1280), 1000 Nits
Audio	- Integrated 1W speaker x1 - Integrated microphone - K-class
Camera	- FF 5.0 MP front camera - AF 13.0 MP rear camera and flashlight
Keyboard & Input	5 buttons (1 user-definable key)
Network & Connectivity	- Intel® Wi-Fi 6E AX210 (802.11 ax) - Bluetooth® V5.3 4G LTE (EC200A-EL) LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 GSM: / - GPS \ Glonass

Security	- Integrated TPM2.0 - Fingerprint scanner - Optional HF-RFID (NFC) reader
Data Capture	Optional 1D/2D barcode reader
I/O Interface	- Nano SIM + Micro SD card - USB3.2 (Type-A) x 1 - USB3.2 (Type-C) x 1 10/100/1000M Ethernet (RJ45) x 1 - DC4.0mm-In jack x 1 12pin POGOPin x 1 (Charge&USB)
Battery & Charging	- AC adapter: 100-240V, 50Hz-60Hz, 12V/4A/48W - Battery Li-Ion, 7.6V, 5700mAh, 6.8h - RTC 3V/1mAh on board
Environment	- Operating temperature: -20°C to 60°C (-4°F~140°F) - Storage tmperature: -30°C to 70°C (-22°F~158°F) - Humidity: 95% (Non-Condensing)
Dimension	236.8 mm (L) × 155.8 mm (W) × 21.6 mm (H)
Weight	About 850g
Accessories	- Standard: Adapter, Hand Strap - Optional: Docking Charger, Shoulder Strap, Carry Handle, Vehicle Mount, Car Charger, Active Pen
Warranty	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

StandardOptional



Adapter



Hand Strap



Docking Charger



Vehicle Mount



Car Charger



Shoulder Strap



Carry Handle



Active Pen