



EM-I10A

Intel Core i5-1235U/i7-1255U processor
10.1-inch IPS Full HD screen with 10-point
capacitive touch
Wi-Fi 6/4G (5G)/BT 5.1, multiple
communication options

Supports GPS, Beidou and Glonass
Choose 1 from 4 modules (2D, RJ45,
DB9 and USB 2.0)
IP65 waterproof and dustproof,
MIL-STD-810H certified



EM-I10A SPECIFICATIONS



Durability	· MIL-STD-810Hcertified · 4ft, 26 drops(eachside,edge, and corner) · IP65 compliant · ±8kV contact discharge, ±15kV air discharge
Operating System	· Windows 11 Pro · Optional Windows 11 Home/IOT
Processor	· 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	· Intel® Iris® Xe Graphics eligible
Memory	· 16GB LPDDR4x on board
Storage	· 128GB SATA SSD · Optional 256GB/512GB/1TB PCIe SSD
Display	· 10.1", FHD (1200x1920), 700 nits · 10-point capacitive touch screen, supports GP930 active pen
Audio	· Integrated microphone · Integrated 1W speaker · Class K
Camera	· MF 2.0 MP front camera · AF 8.0 MP rear camera
Keyboard & Input	· User-definable key (default scan key) x1 · Windows key x1, Volume up key x1, Volume down key x1, Power key x1
Network & Connectivity	· Intel® Wi-Fi 6 (802.11 ax) · Bluetooth® 5.1 · 4G LTE LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 WCDMA: B1/5/8 GSM: / · Optional 5G · GPS/Glonass module · Optional GPS/Beidou/Glonass module

Security	· Integrated TPM2.0 · Fingerprint scanner · Optional HF-RFID (NFC) reader
Data Capture	· Optional 1D/2D barcode reader
I/O Interface	· Micro SD card x1 · SIM card x1 · USB 3.1 (Type-A) x1 · USB 3.0 (Type-C) x1 · 3.5 mm audio jack x1 · HDMI 2.1a mini x1 · 5.5 mm DC in jack x1 · 12-pin Pogo Pin x1 (Charge&USB)
Choose 1 from 4	· Default 10/100/1000M Ethernet (RJ45) x1 · Serial port (RS232: D-sub, 9-pin) x1 · USB 2.0 (Type-A) x1, 1D/2D barcode reader
Battery & Charging	· AC adapter: 100-240V, 50Hz-60Hz, 64.98W (19V/3.42A) · Li-ion battery, 7.4V, 5000mAh, 4.5h · Li-ion battery, 7.4V, 860mAh · Separate RTC 3V/210mAh
Environment	· 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	· 289.9 mm (L)×196.7 mm (W)×21.2 mm (H)
Weight	· 1230g
Accessories	· Standard: Adapter, Cable AC, Hand strap, Carry handle · Optional: Docking charger, Vehicle mount, Removable battery, Quad charging dock
Warranty	· One-year limited warranty standard

ACCESSORIES

Standard



Adapter



Cable AC



Hand Strap



Carry Handle

Optional



Docking Charger



Vehicle Mount



Removable Battery



Quad Charging Dock

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