

EM-I18N

Rugged Tablet PC

Built to Withstand, Engineered to Perform



Performance

- Equipped with the latest Intel Alder Lake Processor N100
- Windows 11 OS, unleash robust production power
- Support 10-point capacitive touch and glove touch functionality

Communication

- Built-in 2.4GHz and 5.8GHz dual-band Wi-Fi
- Bluetooth 5.2 with wider range and faster speeds
- Equipped with 3G/4G module for stable signal outdoors
- Choose 1 from 3 modules(USB 2.0, Gigabit Ethernet, and RS232 serial port)

Features

- Equipped with a 5MP front camera and an 8MP rear camera
- Standard GPS+Glonass, optional GPS+Beidou for accurate positioning
- Optional 2D barcode scanning engine supports efficient decoding
- Optional NFC module, supports mainstream NFC card reading applications

Reliability

- Featured a back panel made of PC material with a TPU frame
- Brand-new cooling system with thermal conductive materials
- IP65-rated dust and water resistance, MIL-STD-810H certified

Product Six Views



Specification Parameter

Basic parameters	
Dimension	274.9*188.7*22.2 mm
Device Color	Black
LCD	10.1 inch IPS 16:10,1200x1920,1000 nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 2.0 Mini x 1, 12PIN Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, DC 12V 4A Power Port x1
Power	AC100V ~ 240V,50Hz/60Hz,Output DC 12V/4A EU Optional: US Standard,Chinese Standard,UK Standard
NFC	Optional,13.56 MHz,Supports 14443A/14443B/ 15693/18092/mifare protocols of ISO/IEC
Fingerprint	Standard
2D	Optional,resolution: 5mil/scanning speed: 50 scans/s
Battery	
Capacity	7.6V/5000mAh
Type	Removable Polymer Lithium-ion Battery

Performance parameter	
CPU	Intel Alder LAKE N100
OS	Windows 11
RAM	8GB,optional 16GB
Storage	128GB
Network connections	
WIFI	WiFi6 802.11(a/b/g/n/acR2/ax 1x1) frequency 2.4G +5.8G Dual-bandWiFi intel AX101
Bluetooth	BT5.2(BLE)
4G	EURO: LTE FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD B38/B40/B41
GNSS	Support GPS+Glonass,Optional GPS+Beidou
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified,MIL-STD-810H certified
Drop Height	1.22m drop
Extension modules (1 out of 3)	
Ethernet interface	RJ45 (10/100/1000M) x 1(Standard)
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1

Accessories

Standard:



DC 12V 4A
Adapter



Hand-Strap

Optional:



Docking
Charger



Vehicle
Mount



Quad
charging



Removable
Battery



Car charger

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry