

# EM-I18N

## Rugged Tablet PC

# Built to Withstand, Engineered to Perform



Windows	IP65	GPS、Glonass	Removable battery	Bluetooth
2D(optional)	NFC(optional)	4G	WiFi	Camera

## 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



\* All technical data, specification and performance figures subject to change without notice.

# 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