EM-I88N
Rugged Tablet PC

IP SYSTEMES

Built to Withstand, Engineered to Perform

- Windows
- IP65
- GNSS
- Removable battery
- Bluetooth
- 2D(optional)
- NFC(optional)
- 4G
- WIFI
- Camera

Performance

·Equipped with the latest Intel Alder Lake Processor N100

·Windows 10 OS, unleash robust production power

·Support 5-point capacitive touch and stylus functionality

Communication

·Built-in 2.4GHz and 5.8GHz dual-band Wi-Fi 6

·Bluetooth 5.2 with wider range and faster transfer speeds

·Equipped with 3G/4G module, outdoor signal is still stable

·With USB 3.0, Type-C, and HDMI ports, connect various peripherals

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

Code scanning module

20.8mm

236.7mm

Removable battery   Rear camera

Power DC Jack

155.7mm

Camera

USB3.0
Audio Port

HDMI
Type C

Scanning key
Home button
Volume+
Volume−
Power on/off

Stereo speakers   Stereo speakers

Pogopin

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

Specification Parameter

Basic parameters

Dimension	236.7*155.7*20.8mm
Device Color	Caesious
LCD	8 inch IPS 16:10,1200×1920,550 nits
Touch Panel	5 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, Φ5.5mm DC jack x 1
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 times/s

Battery

Capacity	7.6V/5000mAh
Type	Removable Polymer Lithium–ion Battery

Performance parameter

CPU	Intel Alder LAKE N100
OS	Windows 10
RAM	8GB
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

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

8 rue du Colonel Chambonnet
69500 BRON - FRANCE
04 72 14 18 00
info@ip-systemes.fr
www.ip-systemes.com