

EM-I20J (Linux version)

Rugged Tablet PC

Get More, Speed Less

Linux OS

Ubuntu



IP65



GPS



Dual-battery



2D



4G/5G



WiFi



Bluetooth



Performance

- Intel Celeron quad-core processor (up to 2.90 GHz)
- Ubuntu22.04.4 OS and 8GB RAM+ 128GB storage
- 12.2 inch FHD screen with 10-point capacitive touch

Communication

- 2.4G/5.8G Dual band WIFI
- High speed 4G/5G
- BT 5.0 fast transmission

Features

- Choose 1 from 4 modules (2D scan engine, RJ45 Gigabit Ethernet, DB9 and USB2.0)
- Support GPS and GLONASS
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, carry handle

Reliability

- IP65 Waterproof and Dustproof
- Vibration & 1.22m drop resistant
- MIL-STD-810G certified

Product Six Views



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

Basic parameters	
Dimension	339.3 x 230.3 x 26mm
Weight	Device unit 1500g
Device Color	Black
LCD	12.2 inch FHD 16:10, 1920x1200, 650nits
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, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 2.0a 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 19V/3.42A
Battery	
Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery
Battery	
Capacity	7.4V/6300mAh
Type	Removable Li-polymer battery
Endurance	4hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Performance parameter	
CPU	Intel® Celeron® Processor N5105
OS	Ubuntu22.04.4
RAM	8GB, Optional 16GB
Storage	128GB
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G+5.8G)
Bluetooth	BT5.0 Transmission distance: 10m
4G/5G (Optional)	LTE FDD: B1/B3/B7/B8/B20 LTE TDD:B40, WCDMA: B1/B5/B8 GSM: 900/1800 Optional 5G
GNSS	Support GPS, glonass
Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m drop
Extension modules (1 out of 4)	
Ethernet interface	RJ45 (10/100M) x 1, (Standard)
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
2D	Optical resolution: 5mil/scan speed: 50 times/s

Accessories(Optional)



Docking Charger



Vehicle Mount



Removable Battery



Quad charging

Application Range

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

