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.

Specification Parameter

Basic parameters	
Dimension	339.3 x 230.3 x 26mm
Weight	Device unit 1500g
Device Color	Black
LCD	12.2 inch FHD 16:10, 1920×1200, 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.

Outdoor Exploration

Manufacturing Industry

Finance

Animal Husbandry