EM-I20J

Rugged Tablet PC

Get More, Speed Less



Windows · IP65 · GNSS · Dual-battery · Bluetooth

2D · NFC · 4G · WIFI

Performance

·Intel Celeron quad-core processor (up to 2.90 GHz)

·Windows 10 OS and 8GB RAM+128GB storage

·12.2 inch IPS Full HD screen with 5-point capacitive touch

Communication

·2.4G/5.8G Dual band WIFI

·High speed 4G LTE

·BT 5.0 fast transmission

Features

·Choose 1 from 4 modules (2D scan engine, RJ45 Gigabit Ethernet, DB9 and USB2.0)

·Support GPS, BDS and GLONASS

·Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, 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 IPS 16:10, 1920×1200, 650nits
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, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins 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
NFC	Optional
Fingerprint	SPI fingerprint (power on login)
Battery	
Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)
Battery	
Capacity	7.4V/6300mAh
Type	Removable Li-polymer battery
Endurance	5hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Performance parameter	
CPU	Intel® Celeron® Processor N5105
OS	Windows 10
RAM	8GB, Optional 16GB
Storage	128GB
Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth	BT5.0
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8
GNSS	Built-in GPS, Beidou, 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
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
2D	EM80, Optical resolution: 5mil/ scan speed: 50 times/s

Accessories


Docking Charger


Hand-strap


Vehicle Mount


Car Charge


Removable Battery


Carry handle

Application Range

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


Outdoor Exploration


Manufacturing Industry


Finance


Animal Husbandry

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