

# EM-I10A (Linux version)

Rugged Tablet PC

## Performance to a new level

Linux OS



Ubuntu



IP65



GPS



Dual-battery



Bluetooth



2D



NFC



4G



WIFI



Camera



### Performance

- Intel Core i5-1235U/i7-1255U processor
- Ubuntu OS and 16GB RAM+ 128GB storage
- 10.1 inch IPS Full HD screen with 10-point capacitive touch

### Communication

- 2.4G/5.8G Dual band WIFI 6
- High speed 4G LTE
- BT 5.1 fast transmission

### Features

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

### Reliability

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

### Product Six Views



# Specification Parameter

Basic parameters	
Dimension	289.9 x 196.7 x 27.4 mm
Weight	Device unit 1230 g
Device Color	Black
LCD	10.1 inch IPS 16:10, 1200x1920, 700 nits
Touch Panel	10 point G+F+F capacitive touch screen
Camera	Front 2.0MP 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 2.1a Mini x 1, 12PIN Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, DC 19V 3.42A jack *1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
NFC	Optional, 13.56 MHz, Card reading distance: 4 cm
Fingerprint	Standard
RTC battery	3V/210mAh

Battery	
Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery

Battery	
Capacity	7.4V/5000mAh
Type	Removable Li-polymer battery
Endurance	4.5h ( 50% volume sounds, 50% screen brightness, 1080P HD video display by default)

## Accessories



Docking Charger



Hand-strap



Vehicle Mount



Carry handle



Quad charging



Removable Battery

## Application Range

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



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry

Performance parameter	
CPU	Intel Core i5-1235U/i7-1255U
OS	Ubuntu-20.4.5
RAM	16GB
Storage	128GB

Network connections	
WIFI	Wi-Fi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax (2.4G+5.8G)
Bluetooth	BT5.1 Transmission distance: 10 m
4G (Optional)	LTE FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: 900/1800
GNSS	Support GPS, Glonass, Optional Beidou

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
Electrostatic Discharge	± 8kV contact discharge, ± 15kV air discharge

Extension modules (1 out of 4)	
Ethernet interface	RJ45 (10/100/1000M) 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