

EM-I87J (Linux version)

Rugged Tablet PC

Acting like a Professional



Performance

- Intel Jasper Lake processor Celeron N5100
- 8 inch IPS screen, 1920x1200 FHD, 550nits
- 5-point capacitive touch

Communication

- High speed communication as 2.4G/5.8G WIFI, 4G LTE, BT5.0 and etc
- Efficient file transfer rely on advanced USB Type-A/Type-C 3.0/3.1, I/O port
- Optional high performance 2D imager designed to data capture

Features

- Front 5.0MP + Rear 8.0MP, autofocus with flashlight
- Symmetric speakers. More immersive, more clear
- User-friendly buttons designed for efficient action

Reliability

- Enhanced rugged corners withstand shock and impact
- IP65 Waterproof and Dustproof, MIL-STD-810G certified
- Removable 5000mAh battery & New battery-free working mode

Product Six Views



Specification Parameter

Basic parameters	
Dimension	236.7 x 155.7 x 20mm
Weight	Device unit 910g
Device Color	Black
LCD	8 inch TFT 16:10, 1920x1200, 550 nits, Optional, HD 16:10, 800x1280,700 nits
Touch Panel	5 point capacitive touch screen
Camera	Front 5.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C 3.1 x 1, SIM Card, TF Card (Three in one card holder), HDMI 2.0a Mini x 1, 12PIN Pogo Pin x 1, Φ3.5mm standard earphone jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output Type-C 19V/3.42A

Performance parameter	
CPU	Intel® Celeron® Processor N5100
OS	Ubuntu-20.4.4
RAM	8GB
Storage	128GB

Battery	
Capacity	5000mAh/7.6V
Type	Removable Li-polymer battery
Endurance	7hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)

Network connections	
WIFI	802.11 a/b/g/n/ac (2.4G+5.8G)
Bluetooth	BT5.0 Transmission distance: 10m
4G	LTE FDD: B1/B3/B7/B8/B20, LTE-TDD: B40 WCDMA: B1/B5/B8, GSM: B3/B8
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

Data Collection	
2D	Optional, Optical resolution: 5mil, scan speed: 50 times/s
NFC	Optional, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocol Card reading distance: 4cm

Accessories



Docking Charger



Hand-strap



Car Charge



Vehicle Mount



TP Resist film



Leather Cover



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