EM-I87J

Rugged Tablet PC

Acting like a Professional



Windows · IP65 · GNSS · High-capacity battery · Bluetooth

Camera · 4G · WIFI · 2D · NFC

Performance

·Intel Jasper Lake processor Celeron N5100

·8 inch IPS screen, 1920x1200 TFT, 550nits

·5-point capacitive touch

Features

·Front 5.0MP + Rear 8.0MP, autofocus with flashlight

·Symmetric speakers. More immersive, more clear

·User-friendly buttons designed for efficient action

Communication

·High speed communication as 2.4G/5.8G WIFI,
4G LTE, BT5.0 and etc

·Efficient file transfer rely on advanced USB 3.0 I/O port

·Optional high performance 2D imager designed to data capture

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



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

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, 1920×1200, 550nits
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 x 1, SIM Card, TF Card (Three in one card holder), HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A (Support power supply without battery adapter)

Performance parameter	
CPU	Intel® Celeron® Processor N5100
OS	Windows 10
RAM	4GB, Optional 8GB
Storage	64GB, Optional 128GB

Battery	
Capacity	5000mAh/7.6V
Type	Removable Li-polymer battery
Endurance	6hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

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, LTE-TDD: B40 WCDMA: B1/B5/B8, GSM: B3/B8
GNSS	Built-in, 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
NFC	Optional, support ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092, ISO/IEC mifare protocol

Accessories



Docking Charger



Hand-strap



Car Charge



Vehicle Mount

Application Range

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



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry

Emdoor INFO

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