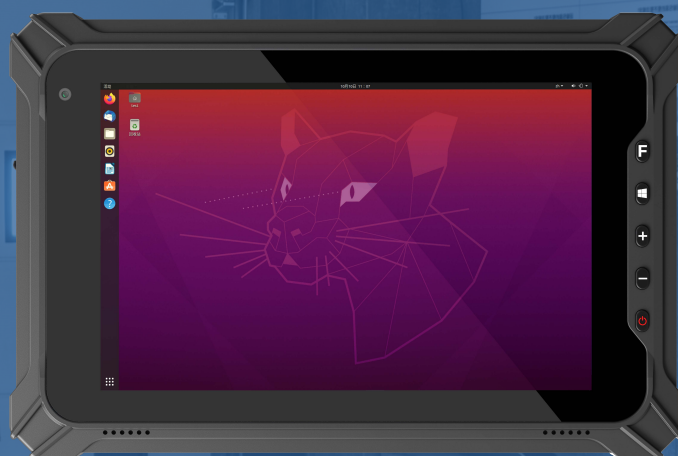# EM–I87J (Linux version)

Rugged Tablet PC

Acting like a Professional

Linux OS

Ubuntu

IP65

GPS

High–capacity battery

Bluetooth

4G

WIFI

2D

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

· 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

Scan window

USB 3.0 port
Audio port
HDMI port
Type C port

Custom key
Home Button
Volume Button +
Volume Button –
Power on/off Button

236.7mm

20mm

155.7mm

Battery cover latch

Battery

Protection corner

pogo pin interface

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, 550 nits, Optional, HD 16:10, 800x1280,700 nits
Touch Panel	5 point capacitive touch screen
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	Ubuntu22.04.4
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

Accessories(Optional)

Docking Charger   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