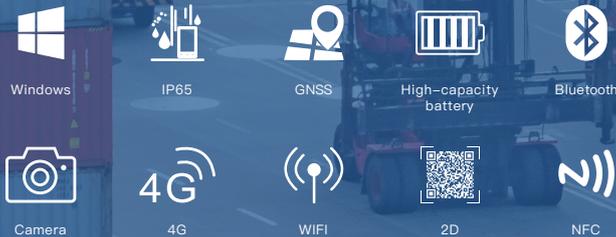


# EM-I17J (EX)

Explosion-Proof Rugged Tablet PC

# Purpose-built explosion-proof safety



II 3G Ex ic op is IIC T4 Gc  
II 3D Ex ic op is IIIB T130°C Dc

## Performance

- Intel Jasper Lake processor Celeron N5100
- 10.1 inch IPS screen, 1920x1200 TFT
- 10-point capacitive touch

## Communication

- Extension interface (3 choose 1, RJ45, DB9, USB Type-A)
- Dual-band WiFi, Bluetooth 5.0, support 4G mobile network
- 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

## Product Six Views



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

# Specification Parameter

Basic parameters	
Dimension	274.9 x 188.7 x 23.1mm
Weight	Device unit 1140g
Device Color	Black
LCD	10.1 inch FHD 16:10, 1920x1200, 400 nits, Optional, HD 16:10, 1280x800, 700 nits
Touch Panel	10 point capacitive touch screen
Camera	Front 5.0MP, Rear 8.0MP
I/O	USB3.0 x 1 (USB A port, HOST data transmission), Type C 3.1 x 1 (Charging and Data transmission, Full function Type-C), Φ3.5mm standard earphone jack x 1, HDMI 2.0a Mini x 1, Three in one card holder (Micro SD card, up to 512GB; Nano SIM x 1) 12PIN Pogo Pin x 1
Extension interface (3 choose 1)	RJ45 network port x 1 (10/100M adaptive) Standard, DB9 serial port x 1 (RS232), USB 2.0 Type-A x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output Type-C 12V/4A EU

Performance parameter	
CPU	Intel® Celeron® Processor N5100
OS	Windows 11/10
RAM	8GB
Storage	128GB

Battery	
Capacity	5000mAh/7.6V
Type	Removable Li-polymer battery
Endurance	8hrs ( 50% volume sounds, 50% screen brightness, 1080P HD video display by default )

Network connections	
WIFI	WIFI 802.11(a/b/g/n/ac) Dual frequency 2.4G+5.8G WIFI
Bluetooth	BT5.0 Transmission distance: 10m
4G	LTE FDD: B1/B3/B7/B8/B20, LTE-TDD: B40 WCDMA: B1/B5/B8, GSM:900/1800 Optional, EC25-AF, 750-VA, 750-VSA
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, Battery: UN38.3, MSDS, Air and Maritime Reporting, IEC62133
Drop Height	1.22m drop

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

## Accessories



## Application Range

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

