EM-I17J (EX) Explosion-Proof Rugged Tablet PC Purpose-built explosion-proof safety

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High-capacity battery 8

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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)

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- ·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

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
- Approved ATEX 2/22 Zone explosion–proof certification for use in potentially explosive and hazardous environments.
- •Certified by CECP, significantly improving the energy efficiency ratio and energy saving performance.



Specification Parameter

Basic parameters		Battery	
Dimension	274.9 x 188.7 x 23.1mm	Capacity	5
Weight	Device unit 1140g	Туре	F
Device Color	Black	Endurance	8 1
LCD	10.1 inch FHD 16:10, 1920×1200, 400 nits, Optional, HD 16:10, 1280×800, 700 nits	Network connect	
Touch Panel	10 point capacitive touch screen	WIFI	V
Camera	Front 5.0MP, Rear 8.0MP	Bluetooth	E
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),	4G	L E
	Φ3.5mm standard earphone jack x 1, HDMI 2.0a Mini x 1,	GNSS	S
	Three in one card holder (Micro SD card, up to 512GB; Nano SIM x 1)	Reliability	
	12PIN Pogo Pin x 1	Operate Temperature	-
Extension interface (3 choose 1)	RJ45 network port x 1 (10/100M adaptive) Standard, DB9 serial port x 1 (RS232),	Store Temperature	_
	USB 2.0 Type-A x 1	Humidity	g
Power	AC100V ~ 240V, 50Hz/60Hz, Output Type-C 12V/4A EU	Rugged Feature	lf E
Performance parameter		Drop Height	1
CPU	Intel® Celeron® Processor N5100	Data Collection	
OS	Windows 11/10	2D	S
RAM	8GB	NFC	C
Storage	128GB	NEC	C

Battery		
Capacity	5000mAh/7.6V	
Туре	Removable Li-polymer battery	
Endurance	8hrs (50% volume sounds, 50% screen brightness, 1080P HD video display by default)	
Network co	nnections	
WIFI	WIFI 802.11(a/b/g/n/ac) Dual frequency 2.4G+5.8G W	/IFI
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, IEC621	133
Drop Height	1.22m drop	
Data Collec	tion	
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









Car Charge







Hand-strap

Docking Charger

Vehicle Mount

Back–strap

TP Resist film

Quad charging

Application Range

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







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