



# EM-I12A

## Metal Rugged Tablet

# Unlock a new level



- Windows
- IP65
- GNSS
- Dual-battery
- Bluetooth
- 2D
- 4G
- WIFI
- Magnesium alloy body

### Performance

- Intel® Core™ i5-1235U/i7-1255U processor
- Windows 11/10 OS , Up to 16GB + 128GB
- 10.1 inch IPS Full HD screen with 10-point capacitive touch

### Communication

- Dual band WIFI, High speed 4G LTE BT 5.1
- Support GPS, Glonass
- Optional professional 2D scan engine

### Features

- USB Type-C interface, USB 3.0 interface, 3.5mm audio interface, DC power interface
- Expandable HDMI 2.1a Mini interface, aviation plug-in charging interface, antenna BNC interface
- hot-swappable design, 5000mAh/840mAh dual-battery

### Reliability

- Full magnesium alloy body
- Vibration & 1.22m drop resistant
- IP65 Waterproof and Dustproof, MIL-STD-810H certified

### Product Six Views



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

# Specification Parameter

Basic parameters	
Dimension	278.6 x 184.5 x 21.3mm
Weight	1190g
Device Color	Magnesium alloy black
LCD	10.1 inch IPS 16:10, 1200x1920, 700/400 nits
Touch Panel	10 point G+F+F capacitive touch screen
Camera	Rear 8.0MP With flashlight
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 2.1a Mini x 1(Optional), 12pins Pogo Pin x 1, Antenna SMA interface x 1(Optional), Aviation plug-in interface x 1(Optional), $\Phi$ 3.5mm standard earphone jack x 1, $\Phi$ 5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A

Battery	
Capacity	7.4V/860mAh
Type	Built-in Li-polymer battery
Endurance	For replacing large batteries

Battery	
Capacity	7.4V/5000mAh
Type	Removable Li-polymer battery
Endurance	4.5hrs ( 50% volume sounds, 50% screen brightness, 1080P HD video display by default )

Performance parameter	
CPU	Intel® Core™ i5-1235U/i7-1255U
OS	Windows 11/Windows 10
RAM	16GB
Storage	128GB

Network connections	
WIFI	Wi-Fi 6 802.11a/b/d/e/g/h/i/k/n/r/u/v/w/ac/ax Dual frequency 2.4G+5.8G WIFI
Bluetooth	BT5.1, Transmitted distance: 10 m
4G	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8
GNSS	Support GPS, glonass, Optional GPS, Beidou, glonass

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810H certified
Drop Height	1.22m drop

Extension modules (Optional)	
2D	Optional, Optical resolution: 5mil/ scan speed: 50 times/s

## Accessories



Docking Charger



Hand-strap



Vehicle Mount



Carry handle

## Application Range

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



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry



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