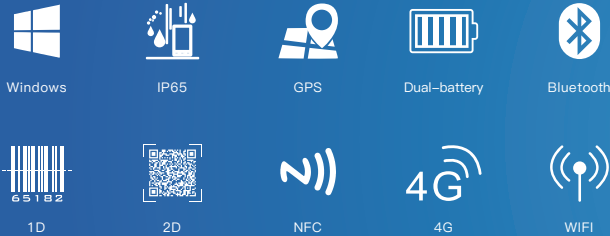


Rugged Tablet PC

EM-I20U



Functions

- Support for Windows 10 system
- Intel® Core™ i5-8250U/i7-8550U, greatly improved performance
- Equipped with built-in 860mAh, detachable 6300mAh polymer lithium ion battery
- IP65 high protection level, in accordance with MIL-STD-810G
- Support GPS, Beidou, GLONASS, more accurate positioning
- Support 8 million pixel auto focus camera, easy to collect images and video information
- Support 1D/2D, NFC and other functional modules for free selection

Product Six Views



Specification Parameter

Basic parameters	
Dimension	339.3 x 230.3 x 26mm
Weight	device unit 1500g
Device Color	black
LCD	12.2 inch IPS 16:10, 1920x1200, 280nits
Touch Panel	10 point G+G capacitive touch screen Corning® Gorilla® Glass
Camera	Front 2.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
NFC	Optional, 13.56MHz, Card reading distance: 4cm
Fingerprint	Standard

Battery (Built-in)	
Capacity	7.4V/860mAh
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

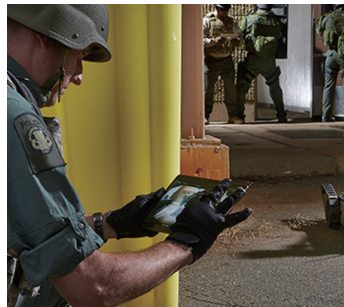
Battery (Hot-swappable)	
Capacity	7.4V/6300mAh
Type	Removable Li-polymer battery
Endurance	4.5hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Application Range

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



Outdoor Exploration



Military Equipment



Finance



Animal Husbandry

Performance parameter	
CPU	Intel® Core™ i5-8250U/i7-8550U
OS	Windows 10
RAM	8GB/16GB
ROM	128GB/256GB/512GB

Communication	
WIFI	WiFi 802.11 a/b/g/n/ac (2.4G+5.8G)
Bluetooth	BT5.0 Transmission distance: 10m
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8
GNSS	Support 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-810G certified
Drop Height	1.22m

Module extension (5 choose 1)	
Ethernet interface	RJ45 (10/100M) x 1
Serial port	DB9 (RS232) x 1
USB2.0	USB 2.0 x 1
1D	Optional, Optical resolution: 5mil, scan speed: 50 times/s
2D	Optional, Optical resolution: 5mil, scan speed: 50 times/s