

Rugged Tablet PC

EM-I20U



Windows



IP65



GPS



Dual-battery



Bluetooth



1D



2D



NFC



4G



WIFI



Functions

- Support for Win 7, Win 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	331.5 x 230.3 x 22mm
Weight	device unit 1500g(TBD)
Device Color	black
LCD	12.2 inch IPS 16:10, 1920*1200
Touch Panel	10 points Capacitive, G+G
Camera	Front 2.0MP Rear 8.0MP
I/O	USB 3.0 x 1, 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, output DC 19V3.42A/65W
GPS	Support GPS, Beidou, glonass
NFC	Optional NXP100

Battery	
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	
Capacity	7.4V/6300mAh
Type	Removable Li-polymer battery
Endurance	7hrs (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Performance parameter	
CPU	Intel® Core™ i5-8250U/i7-8550U
OS	Windows 7/Windows 10
RAM	8GB/16GB DDR4L
ROM	128GB/256GB/512GB

Network connections	
WIFI	2.4G+5.8G dual frequency, WIFI 802.11(a/b/g/n/ac)
Bluetooth	BT4.2 (BLE) class1 transmission distance: 10m
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8

Reliability	
Operate Temperature	-20 °C ~ 60 °C
Store Temperature	-30 °C ~ 70 °C
Humidity	95% Non-Condensing
IP Grade	IP65

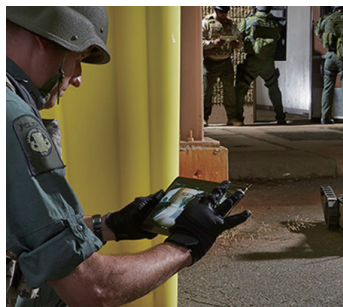
Module extension (5 choose 1)	
Ethernet interface	RJ45(10/100M) x 1
Serial port	DB9(RS232) x 1
USB2.0	USB 2.0 x 1
1D	Honeywell N6551/Optical resolution: 5mil/ scan speed: 50 times/s
2D	Honeywell N3680/Optical resolution: 5mil/ scan speed: 50 times/s

Application Range

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



Outdoor Exploration



Military Equipment



Finance



Animal Husbandry