



## EM-I20U Emdoor Rugged Tablet

Bigger screen, wider field of view.



## 12.2-inch large screen, gorgeous and immersive display.

The screen resolution reaches FHD, delicate texture and pleasing to the eyes.



12.2" IPS 1920x1200





## All-round work partner



Win7/Win10



Intel® Core™ i5/i7



7.4V 6300mAh+  
7.4V 860mAh



IP65 protection level



GPS/BeiDou/  
GLONASS





## Meets all needs.

Interface lock design,  
integration of multiple interfaces.  
Scalable and removable module,  
easy to switch.



Scalable module



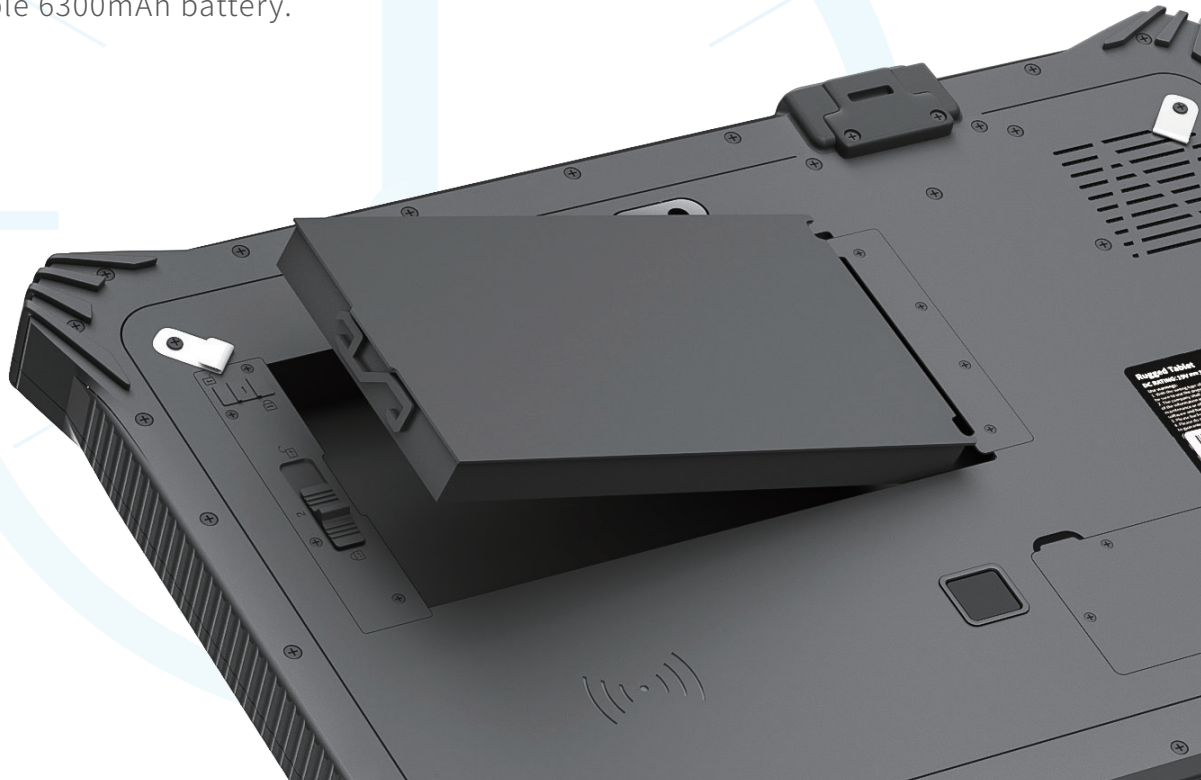
Interface  
lock design



Scalable SSD

## Hot-swap dual battery, less downtime.

Equipped with built-in 860mAh  
and detachable 6300mAh battery.



Say goodbye to machine fever.



# 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,<br>SIM卡 x 1, TF卡 x 1,<br>HDMI 1.4a x 1,<br>12pins Pogo Pin x 1,<br>Φ3.5mm standard earphone jack x 1,<br>Φ5.5mm DC jack x 1 |
| Power            | AC100V ~ 240V, 50Hz/60Hz output DC 19V/3.42A                                                                                                         |
| GPS              | Support GPS, Beidou, glonass                                                                                                                         |
| NFC              | Optional NXP100                                                                                                                                      |

| Performance parameter |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| CPU                   | Intel® Core™ i5-8250U/i7-8550U                                                         |
| OS                    | Windows 7/Windows 10                                                                   |
| RAM                   | 8GB/16GB DDR4L                                                                         |
| ROM                   | 128GB/256GB/512GB                                                                      |
| Battery               |                                                                                        |
| Capacity              | 7.4V/6300mAh                                                                           |
| Type                  | Removable Li-polymer battery                                                           |
| Endurance             | 5hrs ( 50% volume sounds, 200 lumens brightness, 1080P HD video display by default )   |
| 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 ) |

# Specification Parameter

| 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                  | LTE FDD: B1/B3/B7/B8/B20/B28A<br>WCDMA: B1/B8<br>GSM: B3/B8 |
| Reliability         |                                                             |
| Drop Height         | 1.22m composite wood floors, in operation status            |
| 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                            | MOTO SE655E100R/Optical resolution: 5mil/<br>scan speed: 50 times/s |
| 2D                            | Honeywell N3680/Optical resolution: 5mil/<br>scan speed: 50 times/s |

# Accessories

## Standard

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UK Standard Adapter



AU Standard Adapter



EU Standard Adapter



US Standard Adapter



Carry Handle



Hand-strap

## Optional

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Docking Charger



Vehicle Mount



Removable Battery



Stylus

A dark, atmospheric photograph of an industrial facility at night. The scene is illuminated by various lights, creating a high-contrast, moody effect. In the foreground, there are silhouettes of industrial structures, including what appears to be a large crane or derrick on the right. In the background, several tall, cylindrical towers or chimneys are visible, some with bright lights at their bases. The overall tone is industrial and somewhat somber.

# Industrial-grade quality

Suitable for outdoor exploration,  
fire protection, industry, hydropower, construction, vehicle and other fields.



@emdoorrugged

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