

# Performance to a new level



## Performance

- Intel Core i7-1255U processor
- Windows 11/10 OS and 16GB RAM + 128GB storage
- 12.2 inch IPS Full HD screen with 10-point capacitive touch

## Communication

- 2.4G+5.8G Dual band WIFI 6
- Optional high speed 5G
- BT 5.1 fast transmission

## Features

- Choose 1 from 4 modules (2D scan engine, RJ45 Gigabit Ethernet, DB9 and USB2.0 )
- Support GPS, GLONASS, optional Beidou
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

## Reliability

- IP65 Waterproof and Dustproof, Anti-Static
- Vibration & 1.22m drop resistant
- MIL-STD-810G certified

## Product Six Views



### 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, 650nits                                                                                                                                     |
| Touch Panel  | 10 point G+G capacitive touch screen                                                                                                                                        |
| Camera       | Front 2.0MP Rear 8.0MP                                                                                                                                                      |
| I/O          | USB 3.1 Type-A x 1, USB Type-C x 1,<br>SIM Card x 1, TF Card x 1,<br>HDMI 2.1a Mini x 1,<br>12PIN 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                                                                                                                               |
| NFC          | Optional, 13.56MHz,<br>Card reading distance: 4cm                                                                                                                           |
| Fingerprint  | Standard                                                                                                                                                                    |
| RTC Battery  | 3V 210mAh                                                                                                                                                                   |

### Battery

|          |                             |
|----------|-----------------------------|
| Capacity | 7.4V/700mAh                 |
| Type     | Built-in Li-polymer battery |

### Battery

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

### Performance parameter

|         |                         |
|---------|-------------------------|
| CPU     | Intel Core i7-1255U     |
| OS      | Windows 11/ 10          |
| RAM     | 16GB                    |
| Storage | 128GB / 256 GB / 512 GB |

### Network connections

|           |                                                                                                                                                |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|
| WIFI      | WiFi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax (2.4G+5.8G)                                                                                       |
| Bluetooth | BT5.1<br>Transmission distance: 10m                                                                                                            |
| 5G        | 5G SA&NSA:<br>LTE FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40<br>WCDMA: B1/B5/B8 GSM: B3/B8<br>N1/N3/N5/N7/N8/N20/N28/N38/N40/<br>N41/N71/N77/N78/N79 |
| GNSS      | Support GPS, Glonass, optional Beidou                                                                                                          |

### 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 drop                                    |
| Electrostatic Discharge | ± 8kV contact discharge, ± 15kV air discharge |

### Extension modules (1 out of 4)

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| Ethernet interface | RJ45 (Standard, 10/100/1000M) x 1                             |
| Serial port        | DB9 (RS232) x 1                                               |
| USB2.0             | USB 2.0 x 1                                                   |
| 2D                 | Optional, Optical resolution: 5mil/<br>scan speed: 50 times/s |

## Accessories



Docking Charger



Hand-strap



Vehicle Mount



Carry handle



Removable Battery



Quad charging

## Application Range

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



Outdoor Exploration



Manufacturing Industry



Finance



Animal Husbandry