



Windows



IP65



GNSS



High-capacity battery



Bluetooth



Camera



4G/5G



WiFi



2D



NFC



## Performance

- Intel Jasper Lake processor Celeron N5100
- 12.2 inch IPS screen, 1920x1200
- 10-point capacitive touch

## Communication

- Dual 5G (SA/NSA) network support
- High speed 4G LTE and dual-band Wi-Fi 5
- Upgrade BT 5.0, fast and more stable

## Features

- Front 5.0MP + Rear 8.0MP, autofocus with flashlight
- Support GPS and GLONASS
- Equipped with multiple accessories, like docking charger, hand-strap, vehicle mount, car charge, carry handle

## Reliability

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

## Product Six Views



**Basic parameters**

<b>Dimension</b>	319.6 x 216 x 24.3mm
<b>Weight</b>	Device unit 1500g
<b>Device Color</b>	Black
<b>LCD</b>	12.2 inch 16:10, 1920x1200, 650cd/m <sup>2</sup> Optional 280cd/m <sup>2</sup> (Optional SLR sunlight visible film)
<b>Touch Panel</b>	10 point capacitive touch screen
<b>Camera</b>	Front 5.0MP (MIPI) Rear 8.0MP(MIPI)
<b>I/O</b>	USB 2.0 *1 USB 3.0 *2 Type C *1 \$3.5mm standard earphone jack *1 SIM Card *1, TF Card *1 max: 512G DC 12V/4A \$4mm Power connector *1 HDMI 2.0a mini *1 DB9 (RS232) *1, DB9 (RS485) *1 RJ45 (100Mbps) *1 12PIN Pogo Pin (Support Vehicle Mount, Docking Charger and Keyboard) *1 USB (Reserved interface of mainboard) Serial port (Reserved interface of mainboard)
<b>Power</b>	AC100V ~ 240V, 50Hz/60Hz, DC 12V/4A

**Battery**

<b>Capacity</b>	1000mAh/7.4V
<b>Type</b>	Built-in Li-polymer battery
<b>Endurance</b>	1hrs ( 50% volume sounds, 200 lumens brightness, 1080P HD video display by default )

**Battery**

<b>Capacity</b>	6300mAh/7.4V
<b>Type</b>	Removable Li-polymer battery
<b>Endurance</b>	8.5hrs ( 50% volume sounds, 50% screen brightness, 1080P HD video display by default )

**Performance parameter**

<b>CPU</b>	Intel® Celeron® Processor N5100
<b>OS</b>	Windows 11 IOT/Home/Pro
<b>RAM</b>	8GB, Optional 4GB/16GB
<b>Storage</b>	128GB, Optional 64GB/256GB/512GB

**Network connections**

<b>WIFI</b>	802.11(a/b/g/n/ac) Dual frequency 2.4G+5.8G WIFI
<b>Bluetooth</b>	BT5.0 Transmission distance: 10m
<b>2G/3G/4G/5G (Optional)</b>	LTE-FDD: B1/3/5/7/8/20 LTE-TDD: B40 WCDMA: B1/5/8 GSM: 900/1800 Optional 5G, SA&NSA: N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N71/N77/N78/N79 5G SA&NSA: LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD: B34/B38/B39/B40/B41/B42, WCDMA: B1/B5/B8 5G SA&NSA: LTE-FDD: B1/B3/B5/B8/B28 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: B1/B8, N1/N28/N41/N78/N79
<b>GNSS</b>	Support, GPS, Glonass

**Data Collection**

<b>1D/2D</b>	Optional, Optical resolution: 5mil/ scan speed: 50 times/s
<b>NFC</b>	Optional, 13.56MHz, Support ISO/IEC 14443A/B/15693/18092/mifare protocols Card reading distance: 4cm

**Reliability**

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

**Accessories**


Docking Charger



Hand-strap



Back-strap


 Removable  
Keyboard


Car Charge



Stylus



Vehicle Mount

**Application Range**

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



Outdoor Exploration



Military Equipment



Finance



Animal Husbandry