Rugged Handheld

EM-I61N

Windows · IP65 · GPS · High-capacity · Bluetooth

Camera · 2D · NFC · 4G · WIFI

Functions

- Powered by Intel® N150 with active turbo fan cooling
- 6.5-inch TFT Waterdrop Display, 720×1600 high resolution, 400 nits brightness
- Support 10-point capacitive touch, protected by Corning® Gorilla® Glass
- 7.4V/4000mAh removable battery with 33W PD fast charging
- Dual-band Wi-Fi, Bluetooth 5.2, 4G LTE
- Equipped with front 5 million and rear 8 million pixel autofocus camera
- Support NFC and the optional 2D module
- IP65 high protection level, 1.5m drop resistance

Product Six Views

* All technical data, specification and performance figures subject to change without notice.

Specification Parameter

Basic Parameters	
Dimension	183.1*88.6*24.1mm
Weight	Device unit 470g
Device Color	Black
LCD	6.5 inch TFT 20:9, 720*1600, 400cd/cm²
Touch Panel	10 point G+FF capacitive touch screen Corning® Gorilla® Glass
Camera	Front 5.0MP Rear 8.0MP
I/O	TYPE-C 3.1*1 (Charging & Data transmission) Standard USB-A port/Data Transfer (3.0) TF card *1, Max: 512GB Nano-SIM * 1 Pogo Pin (supports docking charger DC61J)
Power	33W/PD 3.0 Fast Charging Adapter

Communication	
WIFI	WIFI 802.11(a/b/g/n/ac) Dual frequency 2.4G+5.8G WIFI
Bluetooth	BT5.2 (BLE) class1 Transmission distance: over 30m
2G/3G/4G	LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 WCDMA: B1/B5/B8 GSM
GNSS	GPS+GLONASS (G+G)

Performance Parameters	
CPU	Intel Twin Lake N150
OS	Windows 11
RAM	8GB
ROM	128GB

Battery	
Capacity	External polymer lithium-ion battery 7.4V/4000mAh
Type	External polymer lithium-ion battery
Endurance	About 7h29m (70dB sound volume, 300nit screen brightness, 1080P HD video display by default)

Reliability	
Operate Temperature	-20 ˚C ~ 60 ˚C
Store Temperature	-30 ˚C ~ 70 ˚C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810H certified
Drop Height	1.5m

Data Collection	
NFC	13.56MHz, Support ISO/IEC 14443A/14443B/ 15693/18092/mifare protocol, reading distance: 0-4cm
2D	Optional, Optical resolution: 5mil Scanning speed: 30 times/s Support code: PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, Maxicode, QR Code, MicroQR, QR Inverse, Aztec, Aztec Inverses, Han Xin, Han Xin Inverse

Accessories

PD fast charging adapter

Standard

Hand-strap

Standard

Docking charger DC61J

Optional

Vehicle mount

Optional

Tempered glass screen protector

Support mass customization

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