



F2 industrial barcode handheld device

Leading Octa-Core Processor for Superior Performance

Featuring a high-performance flagship octa-core CPU, it delivers advanced functionality and an outstanding performance experience, enabling rapid execution of various applications.

Precise scanning, fast, accurate, steady

The device integrates a high-precision QR code scanning engine that can quickly and accurately collect various 1D codes, QR codes, damaged barcodes, bent barcodes, screen codes and other optical graphic barcodes. At the same time, the design of the golden scanning angle makes the device scanning more convenient and easy.

Industrial-grade rugged, more relaxed protection

The device has passed IP67 certification and effectively prevents water intrusion, dust, etc. It can handle operations in complex environments with ease. Significantly improve work efficiency, help work more smoothly.

Light and thin body, "inside and outside" consideration

The device adopts ergonomic design, comfortable grip, light and portable. One-handed operation can reach any corner of the screen at will. Internal and external scene applications are handy.

Application



Industrial
manufacturing



Warehouse
management



Clothing
management



Public service



Logistics&Express
Delivery



Maintenance
inspection

Product parameters

Basic Parameter

Overall size	164 × 77.6 × 16 ± 2mm
Overall weight	274g(Includes battery)
Display screen	Tough 6 in.FHD 1080*2160
Touch screen	Support capacitive pen multi-touch
Expansion slot	1 sim slot, 1 TF slot
Interface	Type-c data interface
Indicator lamp	Charge indicator lamp
Keyboard	Scan/power/volume button
Camera	Front camera 5MP Rear camera 13 MP
Flashlight	Low power LED lighting emergency use
GPS	GPS(embedded A-GPS) accuracy of 10 m

Performance Parameter

CPU	Octa-core 64-bit processor, 2.3GHz
Storage	RAM:4GB ROM:64GB
Extended	Support MicroS(max 256GB expansion)
OS	Android 15
Data Communication	4G:TD-LTE Band38/39/40/41 FDD-LTE Band 1,2,3,4,7,17,20 3G:WCDMA(850/1900/2100MHz); 2G:GSM/GPRS/Edge (850/900/1800/1900MHz)
WIFI	2.4G/5G dual band.Comp;iance with IEEE802.11a/b/g/n/ac
Bluetooth	Bluetooth 5.1

Working Environment

Operating Temp	-20°C~50°C
Storage Temp	-20°C~70°C
Humidity	5%~95% (non-condensation)
IP rate	IP67

Battery Performance

Battery capacity	5050mAh lithium polymer battery
Standby time	About 360 hours after turn off all functions
Charging time	Less than 4 hours
Working hours	More than 12 hours (once full charge)

Barcode Acquisition

Scan engine	2D barcode Scanner
Supports 2D barcodetypes	All major 1D barcode
	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes,US PostNet, US Planet, UK Postal, Australian Postal,Japan Postal, Dutch Postal etc.

NFC Function

Operating freque	13.56MHz
Protocol standanrd	ISO14443A/B ISO15693, NFC-IP1,NFC-IP2,etc.
Label standard	M1card (S50,S70), CPU cards, NFC tags,etc
Read write distan	0-3cm

Attachment

Standard	1 lithium battery, 1 power adapter 1 Type-c charging cable	
Optional		
	charging cradle (Optional)	protective case (Optional)