



F1 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.

25° Optimal Scanning Angle for Swift Code Capture

Equipped with a high-precision QR code scanning engine, the device rapidly and accurately captures 1D/2D codes, bent, damaged, and on-screen optical barcodes. The 25° optimally angled scanning window ensures effortless "point-and-scan" operation.

Industrial-Grade Rugged Design for Uncompromising Protection

IP67-certified against water ingress and dust, it handles demanding environments with ease. Enhance operational efficiency and achieve seamless work flows with reliable performance.

Full-Function Wide-Spaced Keyboard for Efficient Operation

Integrated industrial-grade numeric and function keys feature wide-spaced design to prevent accidental presses and minimize errors, enabling efficient and error-free workflows.

Application



Industrial
manufacturing



Warehouse
management



Clothing
management



Public service



Logistics & Express
Delivery



Maintenance
inspection

Product parameters

Basic Parameter

Overall size	164 × 67 × 18.7 ± 2mm
Overall weight	270g(Includes battery)
Display screen	4.inch IPS high-definition screen, resolution
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	Numeric keypad/function keys/scan keys direction keys
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 4.2

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	5000mAh lithium polymer battery
Standby time	About 360 hours after turn off all functions
Charging time	Less than 4 hours
Working hours	12hours(full charged)

Barcode Acquisition

Barcode	2D barcode for 1D/2D code
Scan engine	E52/E60/HS7/SE4710/SE5500.etc
Supports 2D barcodetypes	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 al.

NFC Function

Operating freque	13.56MHz
Protocol standand	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)