

IOT handheld Terminal

5.5-inch HD Screen ·UHF RFID Reader ·Octa Core Processor

Android 4G WIFI Bluetooth UHF 1D barcode 2D barcode SIM NFC Camera GPS







Product parameters

Performance

Octa core

CPU	MT6762 Octa core 64 bit 2.0 GHz high performance processor
RAM+ROM	2GB+16GB / 4GB+64GB
Expand memory	Micro SD(TF) Supports up to 256GB
System	Android 10.0/ Android 13.0

Data communication

WLAN	Dual-band 2.4GHz / 5GHz, Support IEEE 802.11ac/a/b/g/n/d/e/h/i/j/k/r/v protocol
WWAN	2G：GSM（850/900/1800/1900MHz）
	3G：WCDMA（850/900/1900/2100MHz）
	4G：FDD:B1/B3/B4/B7/B8/B12/B20 TDD:B38/B39/B40/B41
Bluetooth	Support Bluetooth 5.0+BLE Transmission distance 5-10 meters
GNSS	Support Gps, Galileo, Glonass, Beidou

Physical parameter

Dimensions	179mm×74.5mm×150mm（Including the handle）
Weight	＜750g (Depends on device function configuration）
Display	5.5 "color display with resolution 720×1440
TP	support multi-touch
Battery capacity	Rechargeable polymer battery 7.6V 4000mAh (Equal to 3.8V 8000mAh) ,removable
	Standby time >350 hours
	Working time > 12 hours
	Charging time ＜3H, using standard power adapter and data cable
Expansion Card slot	NANO SIM card x1、TF card x1（Optional PSAMx2）、POGO Pinx1
Communication interface	Type-C 2.0 USB x 1, supporting OTG function
Audio	Speaker (mono), Microphone,Receiver
Main keys	Home key, Delete key, Back key,Confirm key
Side keys	Silicone keys: Power key, Volume +/- key, Handle scan key,Scan key ×2
Sensors	Gravity sensor, light sensor, distance sensor, vibration motor

Data collection

Barcode scanning (Optional)

2D Scanning engine	Honeywell N6703 N5703,6602
1D Symbologies	Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E ,Codabar,Interleaved 2 of 5,China post 25,ISBN/ISSN, Code93,UCC/EAN-128,GS1 Databar,HIBC,etc.
2D Symbologies	PDF417,Micro PDF417,GS1 Composite,Aztec Code,Data Matrix,QR Code,Micro QR Code,MaxiCode,Hanxin Code,etc.

Camera（Standard）

Rear camera	13MP pixel HD camera Support auto focus, Flash, Anti-shake, Macro shooting
Front camera	2MP pixel color camera

NFC (Optional)

Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 agreement
Distance	2cm-5cm

UHF (Optional)

Engine	Impinj Indy R2000
Frequency(CHN)	920-925MHz
Frequency(USA)	902-928MHz
Frequency(EHR)	865-868MHz（ETSI EN 302 208）
Frequency(Other)	Other multinational frequency standards (can be customized)
Protocol	EPC C1 GEN2/ISO18000-6C
Antenna	Circularly polarized antenna (+3dBi)
Distance	0-13m
Reading speed	>200 tags per second (circular polarization)

Language/input method

Input	English, Pinyin, Five strokes, Handwriting input, Support soft keypad
Language	Language packs in Simplified Chinese, Traditional Chinese, English, Korean, Japanese,Malaysian,etc.

User environment

Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH--95%RH(no condensation)
Drop specification	6 sides supports 1.2 meters drops on the marble within the operating temperature
Rolling test	0.5m rolling for 6 sides, can still work steadily
Sealing	IP65

Accessories

Standard	Adapter, Data cable, Protective film, Instruction manual