



## 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,<br>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<br>TDD:B38/B39/B40/B41                              |
| Bluetooth | Support Bluetooth 5.0+BLE<br>Transmission distance 5-10 meters                     |
| GNSS      | Support Gps, Galileo, Glonass, Beidou                                              |

## Physical parameter

|                         |                                                                                 |
|-------------------------|---------------------------------------------------------------------------------|
| Dimensions              | 179mm×74.5mm×150mm （Including the handle）                                       |
| Weight                  | <750g<br>(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<br>(Equal to 3.8V 8000mAh) ,removable |
|                         | Standby time >350 hours                                                         |
|                         | Working time > 12 hours                                                         |
|                         | Charging time <3H, using standard power<br>adapter and data cable               |
| Expansion Card slot     | NANO SIM card x1、 TF card x1 （Optional<br>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<br>scan key,Scan key ×2        |
| Sensors                 | Gravity sensor, light sensor, distance sensor,<br>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<br>,Codabar,Interleaved 2 of 5,China post<br>25,ISBN/ISSN,<br>Code93,UCC/EAN-128,GS1 Databar,HIBC,etc. |
| 2D Symbologies              | PDF417,Micro PDF417,GS1 Composite,Aztec<br>Code,Data Matrix,QR Code,Micro QR<br>Code,MaxiCode,Hanxin Code,etc.                                 |

| Camera （Standard） |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Rear camera       | 13MP pixel HD camera<br>Support auto focus, Flash, Anti-shake, Macro<br>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<br>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,<br>Support soft keypad                                  |
| Language | Language packs in Simplified Chinese,<br>Traditional Chinese, English, Korean,<br>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<br>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,<br>Instruction manual |
|----------|-------------------------------------------------------------|