

# BX6100(2D) barcode PDA

## Industry–leading high–speed octa–core CPU

Based on TSiMC's leading 12nm process technology, the high–speed octa–core CPU offers advanced features and exceptional performance, allowing it to run a wide range of applications at lightning speed.

## 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.

## Large–capacity battery for longer battery life

The device's built–in 9000mAh high–capacity battery provides over 12 hours of continuous operation, meeting the requirements of long–term outdoor operation.

## Application

Industrial manufacturing

Warehouse management

Clothing management

Public seryice

Logistics&Express Delivery

Maintenance inspection

# Product parameters

## Basic Parameter

| | |
|---|---|
| Overall size | 166 × 79 × 31 ± 2mm(without the pistol grip and UHF shield) |
| Overall weight | 444g(including battery&wrist strap) |
| Display sereen | Tough 5.5 in.TFT–LCD (720*1440) |
| Touch screen | Support capacitive pen multi–touch |
| Expansion slot | 1 TF slot，1 PSAM,1 Sim |
| Interface | Type–c data interface |
| Indicator lamp | Charge indicator lamp |
| Keyboard | Front 3 menu keys ;<br>Side 2 scan/1 volume/1 power |
| Camera | Front camera 5MP<br>Rear camera 13 MP |
| Flashlight | Low power LED lighting emergency use |
| GPS | GPS(embedded A–GPS)accuracy of 10 m |

## Performance Parameter

| | |
|---|---|
| CPU | Cortex A73 , 2.0GHz Octa–core |
| Storage | RAM:4GB ROM:64GB |
| Extended | Support MicroS （ max 256GB expansion ） |
| OS | Android 10 |
| Data Communication | 2G:GSM/GPRS/EDEG (GSM850/900/1800/1900)<br>3G:WCDMA(B1/B2/B4/B5/B8)<br>4G:LTE–FDD:B1/B2/B3/B4/B5/B7/B8/B12/B17/B20<br>LTE–TDD:B38/B39/B40/41F |
| WIFI | 2.4G/5G dual band.Comp;iance with IEEE802.11a/b/g/n/ac |
| Bluetooth | Bluetooth 4.2 |

## Development Environment

| | |
|---|---|
| SDK | Handheld–Wireless Software Development Kit |
| Language | Java |
| Environment | Android Studio or Eclipse |

## Working Environment

| | |
|---|---|
| Operating Temp | –20℃~50℃ |
| Storage Temp | –20℃~70℃ |
| Humidity | 5%~95% (non–condensation) |
| IP rate | IP65 |

## Battery Performance

| | |
|---|---|
| Battery capacity | 9000mAh,Rechargeable li–ion polymer,3.8V |
| Standby time | About 720 hours after turn off all functions |
| Charging time | Less than 6 hours |
| Working hours | More than 14 hours (once full charge) |

## Barcode Acquisition(optional)

| | |
|---|---|
| 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. |

## Psam (optional)

| | |
|---|---|
| Protocol | ISO7816 |
| Baudrate | 9600, 19200, 38400,43000, 56000,57600, 115200l |
| Slot | 2 slots(maximum) |

## Attachment

| | |
|---|---|
| Standard | 1 Power Supply, 1 Type–c cable<br>1 Lithium Polymer Battery |
| Optional | <br>Cradle(Optional) |

CE FC IP65