



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 service



Logistics&Express
Delivery



Maintenance
inspection

Product parameters

Basic Parameter

| | |
|----------------|---|
| Overall size | 166 × 79 × 31 ± 2mm(without the pistol grip and UHF shield) |
| Overall weight | 650g(including battery&wrist strap) |
| Display screen | 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 ; Side 2 scan/1 volume/1 power |
| 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 | Cortex A73 , 2.0GHz Octa-core |
| Storage | RAM:4GB ROM:64GB |
| Extended | Support MicroS (max 256GB expansion) |
| OS | Android 10 |
| 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 4.0 |

Development Environment

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|-------------|--|
| 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, 115200I |
| Slot | 2 slots(maximum) |

Attachment

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