



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	2G:GSM/GPRS/EDEG (GSM850/900/1800/1900) 3G:WCDMA(B1/B2/B4/B5/B8) 4G:LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B12/B17/B20 LTE-TDD:B38/B39/B40/41F
WIFI	2.4G/5G dual band.Comp;iance with IEEE802.11a/b/g/n/ac
Bluetooth	Bluetooth 5

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, 115200I
Slot	2 slots(maximum)

Attachment

Standard	1 Power Supply, 1 Type-c cable 1 Lithium Polymer Battery
Optional	 Cradle(Optional)