



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

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	 <p>Cradle(Optional)</p>