



## BX6200 Android Mobile Computer

### Industry-leading, octa-core CPU for faster performance

Powered by TSMC's leading 12nm process technology, the high-speed octa-core CPU offers advanced features and exceptional performance, allowing you to blaze through a wide range of applications.

### Precise, fast, accurate, and stable barcode scanning

The device integrates a high-precision QR code scanning engine, enabling fast and accurate capture of various 1D and 2D codes, as well as damaged and bent barcodes, screen-mounted codes, and other optical barcodes.

### Multi-data collection allows for flexible integration and configuration.

The device can be flexibly configured with RFID, barcode scanning, fingerprint entry, second-generation ID card reading, PSAM, NFC, facial and iris recognition, and supports both online and offline second-generation ID card reading.

### High quality, high reliability, and advanced protection and capabilities

The device utilizes a PC and plastic composite process, a built-in high-strength titanium-magnesium alloy bracket, and an integrated mainboard design, ensuring exceptional structural stability. IP65-rated protection further enhances its reliability providing optimal protection for mobile information processing.

## Application



Industrial  
manufacturing



Warehouse  
management



Laundry  
management



Livestock  
management



File  
management



Tool  
management

## Product parameters

### Basic Parameter

Overall size	166 × 79 × 27 ± 2mm
Overall weight	430g(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
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°C~50°C
Storage Temp	-20°C~70°C
Humidity	5%~95% (non-condensation)
IP rate	IP65

### Battery Performance

Battery capacity	4800mAh Rechargeable li-ion polymer,3.8V
Standby time	About 360 hours after turn off all functions
Charging time	Less than 4 hours
Working hours	More than 8 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.

### RFID (optional)

RFID LF	Frequency;125KHz/134.2KHz(FDX-B/HDX)
	Protocol;ISO11784&11785
	R/w Range;0cm to 7cm
RFID HF/NFC	Frequency;13.56MHz
	Protocol;ISO14443A/B ISO15693, NFC-IP1,NFC-IP2,etc.
	R/w Range;0cm to 3cm
RFID UHF	Frequency;865~868MHz or 920~925MHz
	Protocol EPC C1 GEN2/ISO 18000-6C
	R/w Range 0 to 2m(tags and environment dependent)
	Antenna Gain Circular antenna(2dBi)


### Fingerprint reader (optional)

Sensor	TCS1
Sensor type	Capacitive,area sensor.
Resolution	500 DPI.
Performance	FRR<0.008%, FAR<0.005%
Capacity	1000

### 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 1 Lithium Polymer Battery
	
Cradle(Optional)	