

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 anintegrated mainboard desian, 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	294g (Device weight may vary depending on the configuration of different functional modules.)
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	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 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	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)

CE FC IP65