

BX6000 Android Mobile Computer

Leading octa–core processor for enhanced performance

The high–speed octa–core CPU, based on TSMC's leading 12nm process, boasts advanced features and exceptional performance: Experience blazing–fast performance across a widerange of applications.

Precise scanning, fast, accurate, and stable

The device integrates a high–precision QR code scanning engine for fast and accurate capture of various 1D and QR codes, as well as damaged and bent barcodes, screen codes etc.

Advanced protection, high quality, and high reliability

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

Application

Industrial manufacturing

Warehouse management

Clothing management

Public seryice

Logistics&Express Delivery

Tool management

Product parameters

Basic Parameter

Overall size	166 × 79 × 18 ± 2mm
Overall weight	283g(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
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 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 Reader (optional)

RFID NFC	Frequency;13.56MHz
	Protocol;ISO14443A/B ISO15693, NFC–IP1,NFC–IP2,etc.
	R/w Range;0cm to 3cm

Attachment

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

CE FC IP65