



# BX6100

## Android Mobile Computer

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### Industrial and Humanized Hardware Design

Industrial and humanized keypad design and tough 5.5 inch touch screen together with high resolution of 720\*1440 display shall match high standards in logistics, express and retail.

### Octa-Core Processor & Large Memory

Android 10.0 OS with memory of 2GB RAM/16GB ROM or 4GB RAM/64GB ROM shall provide the highly standard experience.

### Superior Data Communication and Security Guarantee

Double insurance of 4G & WIFI network and highly secured Android 10.0 system shall provide the high speed data communication and perfect security guarantee;

### Using Environment



PHYSICAL CHARACTERISTICS	
Dimension	166mm(H)x79mm(W)x31mm(D)±2 mm (without the pistol grip and UHF shield)
Weight	Net Weight :600g (including battery&wrist strap)
Display	Tough 5.5 in. TFT-LCD(720x1440)touch screen with backlight
Backlight	LED backlight
Expansions	1 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.8V,9000mAh

PERFORMANCE CHARACTERISTICS	
CPU/CPU	Cortex A73 2.0GHz octa-core
Operating System	Android 10.0
Storage	2GB RAM/16GB ROM or 4GB RAM/64GB ROM, MicroSD(max 256GB expansion)

USER ENVIRONMENT	
Operating Temp	-20°C to 50°C
Storage Temp	-20°C to 70°C
Humidity	5%RH to 95%RH(non-condensing)
Drop Specifications	5ft./1.5 m drop to concrete across the operating temperature range
Sealing	IP65, IEC compliance
ESD	±15kv air discharge, ±8kv direct discharge

DEVELOPMENT ENVIRONMENT	
SDK	Handheld-Wireless Software Development Kit
Language	Java
Environment	Android Studio or Eclipse

DATA COMMUNICATION	
WWAN	TDD-LTE Band 38, 39, 40, 41; FDD-LTE Band 1, 2, 3, 4, 5, 7, 8, 12, 17, 20; WCDMA (850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz);
WLAN	2.4GHz/5.0GHz Dual Frequency, IEEE 802.11 a/b/g/n/ac
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.2
GPS	GPS(embedded A-GPS), accuracy of 5 m

BARCODE READER(OPTIONAL)	
2D Barcode	2D CMOS Imager
	Zebra Se4710/Newland CM60/NLS-N1
	Symbologies
	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.

COLOR CAMERA	
Resolution	Rear 13 megapixel, front 5.0 megapixel
Lens	Auto-focus with LED flash Auto-focus with LED flash

RFID READER(OPTIONAL)	
RFID NFC	Frequency
	13.56MHz
	Protocol
	ISO 14443A&15693, NFC-IP1, NFC-IP2
	R/W Range
	2cm to 5cm

PSAM SECURITY(OPTIONAL)	
Protocol	ISO 7816
Baudrate	9600, 19200, 38400, 43000, 56000, 57600, 115200
Slot	2 slots(maximum)

ACCESSORIES	
Standard	1xPower Supply; 1xLithium Polymer Battery; 1xType-C cable
Optional	Cradle

