



## C6100(2D) barcode PDA

### Industry-leading high-speed octa-core CPU

Based on TSMC'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 8000mAh 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	170 × 80 × 28 ± 2mm(without the pistol grip and UHF shield)
Overall weight	650g
Display screen	Tough 5.5 in.TFT-LCD (720*1440)
Touch screen	Support capacitive pen multi-touch
Expansion slot	1 TF slot, 2 PSAM,2 Sim
Interface	Type-c data interface
Indicator lamp	Charge indicator lamp
Keyboard	F1-F4 custom keys/2 scan keys
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 10/13
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 4.2

### 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	8000mAh,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 (one 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	 Cradle(Optional)



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