

C6000



C6000 is a novel designed mobile data collection terminal. It bases on Android 5.1 operation system, adopts Qualcomm MSM8612 (8916 optional) processor, protection level reached IP54. It is equipped with advanced data collection units, such as 1D/2D barcode scanning and NFC identification, owns the function of 4G wireless data communication. Its distinctive design totally meets the demands of medical and service industry.

1. Powerful and first-class configurations

Quad-core: adopts Qualcomm 8612 quad-core 1.2GHz processor.

1G: adopts Hynix 1GB DDR2 memory.

6000 times: key connectors passed 6000 times' plug testing.

2. Commercial level protection, longer product life

IP54: protection level reached IP54.

1.2m: passed the 1.2-meter falling test.

3. World model, convenient transmission

It supports 3 operators, 4 network types, 8 network bands.

It supports dual-band Wi-Fi, equipped with 5G Wi-Fi commonly used in medical system.

4. Double batteries & long battery life.

2500mAh: 2500mAh thin lithium battery for medical workers' Low-frequency using.

4000mAh: 4000mAh thick lithium battery for medical workers' high-frequency using.

Double batteries: special design provides continuous power supply for battery replacement.

5. Large screen, ergonomic design

4.5 inches: this 4.5 inches large screen has high resolution.

Ergonomic design: hypersensitivity touch screen supports operation with gloves; antibacterial shell.

Physical parameters

Dimensions	140mm H * 75mm W * 25.5mm D
Weight	255g (battery included)
Operating Temp	-20° C~60°
Storage Temp	-40° C~80°
Humidity	95% RH non-condensing
Drop Test	1.2-meter drop protection
Roller Drop Test	500 times
Sealing	IP54
ESD protection	±8KV contact discharge; ±15KV air discharge

System Parameters

CPU	Qualcomm MSM8612 quad-core 1.2GHz
OS	Android 5.1
RAM/ROM	ROM 4GB EMMC; RAM 1GB DDR2; support external micro SD card, 32 GB at most
Display	4.5 inch. Capacitive ,multi touch; 540*960, ultra wide Angle IPS display, Corning Gorilla Glass

Keypad	3 touch keys (Android System key), 4 physical keys (include Power key, Scan key, Custom key)
Battery	Lithium polymer battery, 3.7V, 4000mAh/2500mAh+110mAh
Functional Configuration	
Bar Codes Scanning	1D Motorola SE955, 2D Motorola SE4500
Camera	Rear Camera 5M AF (support flashlight)
NFC	Support ISO14443/ISO15693 standard 13.56MHz RFID tag recognition
Navigation	Built-in GPS, support AGPS
Indicator Light	System indicator light; Scanning indicator light
Audios	Built-in speaker, receiver, microphone, 3.5mm stereo headphone jack, vibrator
Sensors	Gravity sensor Ambient light sensor Proximity sensor
Network Parameters	
Network Type	WCDMA/GSM/CDMA2000/CDMA 1X
Network Spectrum	WCDMA/HSPA 2100MHz; GPRS/EDGE 850/900/1800/1900MHz; CDMA2000/CDMA 1X 800MHz
WLAN	2.4GHz/5GHz dual band Wi-Fi; 802.11 a/b/g/n Built-in Antenna
Voice/Data Service	Support
WPAN	BluetoothV4.0+EDR
External Interface	
USB Interface	Micro USB2.0, support USB OTG
Charger Jack	Micro USB2.0, 1A quick charger, optional 2A quick base
Power Supply Jack	Support 5V/500mA external power supply
Communication	RS232
Development Environment	
System Environment	Android5.1/SP-UI
Development Environment	SP-SDK
Management Software	SP-PC management suite/MDM