

# C6000

## Ergonomic Mobile Handheld Computer



Android



LTE



WIFI Dual Band



Bluetooth



2D Imager



NFC



Camera



GPS



PSAM

C6000 is an Android rugged mobile computer. With C6000 in your hand, you can find this easy-to-deploy device an exceptionally valuable helper for your workers to increase your efficiency and productivity. C6000 can be deployed in many areas, like logistics, warehouse management, asset tracking, fleet management, healthcare, etc.



# C6000 Specifications

Physical Characteristics	
Dimensions	157,6*73,7*29mm
Weight	292gr
Display	4" WVGA 480*800 16,7M Colors
Touch Panel	Rugged Dual touch capacitive rough panel
Power	Main battery: Li-ion, rechargeable, 4000mAh Standby: Over 300 hours Continuous use: Over 12 hours (depending on user environment) Charging Time: 3-4 hours (with standard adaptor and USB Cable)
Expansion Slot	1 slot for SIM card, 1 slot for PSAM cards
Interfaces	USB2.0 Type-C, OTG
Audio	Speaker, microphone
Keypad	3 TP Soft Key, 3 Side Keys, Numeric Keyboard
Sensors	Gravity sensor, Light Sensor, Vibration Motor, Proximity Sensor
Performance	
CPU	Cortex A53 Quad-core 1,3GHz
RAM+ROM	2GB+16GB
Expansion	Supports up to 32 GB Micro SD card
Developing Environment	
Operating System	Android 6.0
SDK	Chainway Software Development Kit
Language	Java
Tool	Eclipse / Android Studio
User Environment	
Operating Temp.	-20°C to 50°C
Storage Temp.	-40°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 2m drops to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5m falls at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±8KV air discharge, ±4KV conductive discharge
Camera	
Rear Camera	13MP Autofocus with flash
Front Camera (Optional)	8MP

Communication	
WLAN	IEEE802.11 a/b/g/n 2.4G/5G dual-band with internal antenna
WWAN(Europe)	2G: 850/900/1800/1900MHz 3G: 850/900/1900/2100MHz 4G: B1, B3, B5, B7, B8, B20, B40
WWAN(America)	2G: 850/900/1800/1900MHz 3G: 850/900/1700/1900MHz 4G: B2, B4, B5, B26, B41
WWAN (China)	2G: 900/1800MHz 3G: 900/1900/2000/2100MHz 4G: TDD-LTE: B38, B39, B40, B41 FDD-LTE: B1, B3
WWAN (Others)	Depending on the country's ISP
Bluetooth	Bluetooth 4.0 BLE
GNSS	GPS/AGPS, GLONASS, BeiDou with internal antenna
NFC	
Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2
Chip	M1 Card (S50, S70), CPU Cards, NFC Tags, etc.
Range	2-4cm

Barcode Scanning (Optional)	
1D Scan Engine	Zebra SE965 / Honeywell N4313 / UE966
1D Symbolologies	UPC/EAN, Code128, Code39, Code93, Code11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, MSI, RSS, etc.
2D Scan Engine	Zebra SE4710 / Honeywell N6603
2D Symbolologies	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 (KIX), etc.



Carrying Bag



USB cable



Charging Cradle



Multiple Battery Charger

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**CHAINWAY®**

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