

C6000

ERGONOMIC MOBILE HANDHELD COMPUTER



Chainway C6000 is an Android-based rugged mobile computer. With its fast 4G connectivity and powerful quad-core processor as well as the comprehensive data capture options, including HF RFID reading, best-in-class 1D/2D barcode scanning, high-resolution camera and GPS, you can find this easy-to-deploy device an exceptionally valuable helper for your workers to increase their efficiency and productivity. With its highly customizable ability, enterprises can deploy this single device in many areas, including logistics, warehouse management, asset tracking, fleet management, healthcare and etc..



Powerful Application Performance

The C6000 features powerful quad-core processor, together with 2GB of RAM, 16GB build-in flash storage, plus a SD card slot that can add up to 32GB of memory.



Superior RFID Reading Capability

Can be configured with high-performance HF RFID reading/writing module (supports ISO14443A/B, ISO15693 protocols). The module and software can be customized according to industry needs and tag specifications.



4G LTE - Faster Connectivity

Whether indoors or outdoors, the C6000 provides enterprises with anywhere, anytime real-time connectivity by the fast 4G LTE cellular network and 802.11 a/b/g/n Wi-Fi support.



Extensive Data Capture Options

The C6000 can be integrated with best-in-class Zebra 1D/2D scanning engine, LF/HF/UHF RFID or NFC reading module, sensitive fingerprint snap-on and GPS. It allows users to choose data collection options as per industry need.



Rugged and Compact

The C6000 is highly rugged, compact and durable. With an IP65 water and dust proof capability, workers can drop this device on concrete, use it in dusty areas, even get it wet, and still expect reliable operation. Thanks to the compact size the one hand operation is facilitated



Highly Customizable

From a single function device to a fully featured enterprise mobile computer, this device delivers the best possible flexibility and diversity to satisfy a whole variety of application needs



Accessories



AC Adapter



USB Cable

Physical Characteristics

Dimensions	157,6mm x 73,7mm x 29mm
Weight	310g
Display	4" WVGA (480*800), 16.7M colors
Touch Panel	Rugged Capacitive Touch Panel
Power	Main battery: Li-ion, 4000mAh
Expansion Slot	1 PSAM 1 SIM/PSAM 1 MicroSD(TF) slot
Interfaces	USB Micro-B (OTG)
Audio	0.5W speaker, build-in microphone
Keypad	3TP touch key - 3 Side buttons Numeric Keypad
Sensor	Light Sensor, Proximity Sensor

Performance

CPU	Qualcomm 1-3GHz quad-core
RAM	2GB
ROM	16GB
Expansion	Supports up to 32GB Micro SD card

Developing Enviroment

Operating System	Android 5.1
SDK	Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

User Enviroment

Operating Temp.	-10°C to 50°C
Storage Temp.	-40°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.2m drops to concrete across the operating temperature range
Tumble Specification	1000 x 0.5m falls at room temperature
Sealing	IP64

Communication

WLAN	IEEE802.11 b/g/n
WWAN(1)	2G GPRS (900/1800MHz) 3G WCDMA B1 - B8 4G LTE B1 - B3 - B7 - B8 - B20
WWAN(2)	2G GPRS (850/1900MHz) 3G WCDMA B1 - B2 - B5 4G LTE B2 - B4 - B7 - B17
Bluetooth	Bluetooth 4.0
GPS	GPS, AGPS

Barcode Scanning (Optional)

1D Linear Scanner	
1D Laser / CCD	Symbol SE965
Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Imager Scanner	
2D CMOS Laser Scanner	Symbol SE4500
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 (KIX), etc.

RFID (Optional)

HF	
Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693
Chips	M1 card (S50/S70), M0 (Ultralight) M3 (Desfire D40/D41/D81), CPU_A card, CPU_B card ICODE II, T12048, LRI64K
Range	3-8cm
NFC	
Frequency	13.56MHz
Protocol	ISO/IEC 18092 (ECMA 340) ISO/IEC 21481 /ECMA 352)
Range	2-4cm

Other Modules (Optional)

Camera	8MP autofocus camera with flash
PSAM	ISO7816 Protocol, 2 PSAM slot

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