# C6000



# **ERGONOMIC MOBILE** HANDHELD COMPUTER

Chainway C6000 is an Android-based rugged mobile computer. With its fast 4G connectivity and powerful quadcore 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..



of memory.

#### **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



#### 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 celluar 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



TechSigno Srl Via Selvuzzis, 53 - 33100 Udine (UD) - Italy T +39 0432 603604 F +39 0432 602905 Email info@techsigno.com Web www.techsigno.com

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# **SPECIFICATION**





Accessories

80

Physical Characte	ristics
Dimensions	157,6mm x 73,7mm x 29mm
Weight	310g
Display	4" WVGA (480*8000), 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
	Light Sensor, Proximity Sensor
Performance	
CPU	Qualcomm 1-3GHz quad-core
RAM	2GB
ROM	16GB
Expansion	Supports up to 32GB Micro SD card
Developing Enviro	ment
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
0.0	010,7010

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,TI2048,LRI64K
Range	3-8cm
NFC	
Frequency	13.56MHz
Protocol	ISO/IEC 18092 (ECMA 340) ISO/IEC 21481 /ECMA 352)
Range	2-4cm
Other Modules (Opt	ional)
Camera	8MP autofocus camera with flash
PSAM	ISO7816 Protocol, 2 PSAM slot



USB Cable

AUTHORIZED DISTRIBUTOR



C6000 V1.0EN



TechSigno srl is an independent company that build RFID system and intelligent objects for multimedia, industrial, transportation, medical, and wireless applications. Working closely with our customers, we meet the specific made-to-order demands of our customer to achieve maximum functionality, efficiency, reliability and therefore satisfaction.

Chainway is a leading manufacturer of rugged mobile computers and fixed data terminals in China. Founded in 2005, it headquarters in Sheazhen. For the past decade, Chainway has delivered data collection devices, including handheld rfid reader, fingerprint reader, barcode scanner and etc, to thousands of customers around the globe. We work with a worldwide network of distributors, system integrators and software developers to offer complete and professional data collection solutions to customers from a variety of areas.

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