MOBILE HANDHELD COMPUTER



C3000 is a Windows-CE based rugged mobile computer, featuring a powerful 800MHz processor and best in class battery performance. It can be integrated with a variety of data capture functions including LF/HF/UHF RFID reading, high-performance 1D/2D and sensitive fingerprint scanning, GPS, Camera. This compact device is IP65 rated, the contained dust and water proof structure ensures its high ruggedness and durability. With its highly customizable ability, enterprises can deploy this single device in many areas, including retail, warehouse management, logistics, asset tracking, fleet management, animal management.



Powerful Application Performance

The C3000 is based on WindowsCE 6.0 system, features the fast and powerful Cortex-A8 800MHz processor, together with 256MB of RAM, 4GB buildin flash storage, plus a SD card slot that can add up to 32GB of memory.



Extensive Data Capture Options

The C3000 can be integrated with best-in-class Zebra 1D/2D scanning engine, LF/HF/UHF RFID reading module, sensitive fingerprint snap-on and GPS. It allows to choose data collection options per industry needs.



Rugged and Compact

The C3000 is highly rugged, compact and durable. With IP65 water and dust proof capability, workers con frop this device and concrete use it in dusty area even get it wet, and still expect reliable operations.



Fast Wireless Connectivity

Whether indoors or outdoors, the C3000 provides fast and stable network connectivity with a variety of wireless connection options including WCDMA, WiFi, Bluetooth and GPRS.



Powerful Battery

With the 3200mAh main battery and the optional 5200mAh pistol battery, you can be confident that your device can always deliver results when you need it to.



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



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Accessories

Physical Characterist	ics	
Dimensions	154mm x 77mm x 31mm	
Weight	345g	
Display	3.5" QVGA (240*320), 6.5M colors	
Touch Panel	Rugged Resistive touch panel	
Power	Main battery: Li-ion, 3200mAh Pistol battery: Li-ion, 5200mAh (Optional)	
Expansion Slot	1 PSAM 1 SIM/PSAM 1 MicroSD(TF) slot	
Interfaces	USB Micro-B (OTG)	
Audio	0.5W speaker, build-in microphone	
Keypad	Numeric / Qwerty	
Performance		
CPU	Cortex-A8 800MHz	
RAM	256MB	
ROM	4GB	
Expansion	Supports up to 32GB Micro SD card	
Developing Envirome	nt	
Operating System	Windows Embedded CE 6.0	
SDK	Software Development Kit	

Operating System	Windows Embedded CE 6.0
SDK	Software Development Kit
Language	C++, C#, VB.NET
Tool	Visual Studio 2005/2008
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 1.5m drops to concrete across the operating

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Drop Specification	temperature range
Tumble Specification	1000 x 0.5m falls at room temperature
Sealing	IP65
Communication (Optional)	
	IEEE000 44 b/-

Biometric (Optional)	
GPS	uBLOX NEO-6M (Low Power Consumption)
Bluetooth	Bluetooth 2.0+EDR
	CDMA 2000 EVDO:800MHz
WWAN	WCDMA (850/1900/2100MHz)
	GPRS Quad Band (850/900/1800/1900MHz)
WLAIN	IEEE802.11 a/b/g/n
WLAN	IEEE802.11 b/g

Biometric (Optional)	
Functions	Enrollment, compare, deletion etc.
Sensor	TCS2SS
Sensor Type	Capacitive Sensor
Resolution	508DPI
Memory	1,000 PCS fingerprints

AUTHORIZED DISTRIBUTOR

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 (Ontional)	

	Postal (NIA), etc.
RFID (Optional) LF with Internal Antenna	
Frequency	125kHz, 134kHz (FDX-B / HDX)
Protocol	ISO11784/5, ISO18000-2
Chips	R/O ID card, eg EM4100/4200 TK4100 R/W ID card, eg EM4305/HITAG S Animal tags
Range	3-8cm
LF with External Antenna	
Frequency	134kHz (FDX-B+HDX)
Protocol	ISO11784/5
Chips	Animal tags
Range	3-12cm 3-20cm with a 75cm Extension Antenna
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

Range	3-8cm
Other Modules (Option	onal)
Camera	5MP autofocus camera with flash
PSAM	ISO7816 Protocol, 2 PSAM slot





Snap On





Cradle (Opzional)



Pistol (Optional)



Fingerprint Snap-on (Optional)



Carrying case (Optional)

C3000 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 Shenzhen. 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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