

CHAINWAY



C3000

Mobile Computer



Windows



WiFi



Fingerprint



1D Barcode



2D Barcode



LF/HF



Camera

Chainway's C3000 is a WindowsCE-based rugged mobile computer, featuring powerful 800MHz processor and battery performance. It is IP65 rated, and the contained dust and water proof structure ensures its high ruggedness. It is perfect for retail, warehouse management, logistics, asset tracking, fleet management, animal management and etc.



Specification

Physical Characteristics

Dimensions	154mm x 77mm x 31mm/ 6.06 x 3.03 x 1.22in
Weight	345g/ 12.17oz
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 MicroSD (TF) slot
Interfaces	MicroUSB (OTG)
Audio	0.5W speaker
Keypad	Numeric / Qwerty

Performance

CPU	Cortex-A8 800MHz
RAM+ROM	256MB+4GB
Expansion	Supports up to 32GB Micro SD card

Developing Environment

Operating System	Windows Embedded CE 6.0
SDK	Chainway Software Development Kit
Language	C++, C#, VB.NET
Tool	Visual Studio 2005/2008

User Environment

Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-40°F to 158°F / -40°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.5m drops to concrete across the operating temperature range
Tumble Specification	1000 x 0.5m/1.64ft falls at room temperature
Sealing	IP65 per IEC sealing specifications

Communication

WLAN	IEEE802.11 a/b/g/n
------	--------------------

Fingerprint (Optional)

Functions	Fingerprint enrollment, match, storage etc.
Sensor	TCS1 / TCS2SS (Capacitive)
Image Size (pixel)	TCS1: 256*360; TCS2SS: 208*288
Sensing Area (mm)	TCS1: 12.8*18; TCS2SS: 10.4*14.4
Resolution (dpi)	508
Standard	TCS1: FIPS, STQC; TCS2SS: ISO

Barcode Scanning (Optional)

1D Linear Scanner

1D Laser / CCD	Honeywell N4313/ Zebra 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	Zebra 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)

LF

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 Others for customization
Range	3-8cm

LF (with external antenna)

Frequency	134kHz (FDX-B+HDX)
Protocol	ISO11784/5
Chips	Animal tags Others for customization
Range	3-12cm, external antenna 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, LR164K Others for customization
Range	3-8cm

* For the UHF specifications, please check C3000UHF specification sheet

Other Modules (Optional)

Camera	5MP Autofocus
--------	---------------

Accessories (See details in Accessory Guide)



Notice: Product specifications are subject to change without prior notice. / Model: C3000 / Update Date: 2020-03-24

CHAINWAY®

Shenzhen Chainway Information Technology Co., Ltd

Address: 9F, Building2, Phase 2, Gaoxinqi Industrial Park, Liuxian 1st Rd., Bao'an District, Shenzhen, Guangdong 518102, China

Tel: 0086-755-23223316

Fax: 0086-755-23223310

Email: sales@chainway.cn

Web: http://www.chainway.net