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CHAINWAY
C6000 Mobile
Computer



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CHAINWAY®

CHAINWAY C6000 Mobile Computer



C6000

Mobile Computer



Chainway C6000 is our refined and well-built handheld computer while being portable and rugged at the same time. Built with Android 10 OS and high-performance processor, it features smooth and stable system configuration. It has immensely diverse functionality features for barcode scanning, NFC, and premium features. Meanwhile, with longer battery life, higher performance, and characteristic rugged robustness, Chainway C6000 is the ideal device to be extensively deployed in harsh circumstances like logistics and warehouses. It can assist customers in operation and management levels significantly.



Specification

Physical Characteristics	
Dimensions	157.6 x 73.7 x 9 mm / 6. x .9 x 1.14 in.
Weight	9 g / 10.3 oz.
Display	4" N a-Si 480*800, 16.7M colors
Touch Panel	Rugged dual touch capacitive touch panel
Power	Main battery: Li-ion, removable, 4 00m h
	Standby: over 300 hours
	Continuous use: over 1 hours (depending on user environment)
	Charging time: 3-4 hours (with standard adaptor and USB cable)
Expansion Slot	1 slot for Mirco SIM card, 1 slot for Mirco SD(F) or PS M card (optional)
Interfaces	USB .0, type-C, O G
Sensors	Light sensor, proximity sensor, gravity sensor
Notification	Sound, L D indicator, vibrator
Audio	1 microphone; 1 speaker; receiver
Keypad	3 P soft keys, 3 side keys, numeric keyboard (Optional : 0 keys)

Performance	
Operating System	Android 10.0; GMS, Soti MobiControl; FO , SafeU M supported. Built-in support for a future upgrade through Android 11 / 1 which complies with GMS

CPU	Cortex -53 .0 GHz Octa-core
RAM+ROM	3GB + 3 GB
Expansion	Supports up to 1 8 GB Micro SD card

Communication

	Support 80 .11 a/b/g/n/ac/d/e/h/i/k/r/v, .4G/5G dual-band, IPV4,IP V6, 5G P ;
	Fast roaming: PMKID caching, 80 .11r, OKC
	Operating Channels: .4G(channel 1 13),5G(channel 36,38,40,4 , 44,46,48,5 ,56,60,64,100,104,108,11 ,116,1 0,1 4,1 8,13 ,136,14 0,149,153,157,161,165, depends on local regulations
	Security and Encryption: W P,WP /WP -PSK(KIP and S),W PI- P SK P- LS, P- LS, P P-MSCH Pv , P P-L S,P P-G C,etc.
WLAN	G: GSM850/GSM900/DCS1800/PCS1900
	3G: WCDM : B1/B /B4/B5/B8 D-SCDM : /F(B34/B39)
	4G: B1/B /B3/B4/B5/B7/B8/B1 /B17/B 0/B 8 / B 8B/B34/B38/B39/B40/B41
WWAN (Others)	Depending on the country's ISP
Bluetooth	V .1+ DR, 3.0+HS and V4.1+HS, B 5.0
GNSS	GPS/ GPS, GLONSS, BeiDou, internal antenna

Developing Environment	
SDK	Chainway Software Development Kit

Language	Java
Tool	clipse / Sndroid Studio

User Environment

Operating Temp.	-4°F to 122°F / – 0°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 m / 6.56 ft. drops to concrete across the operating temperature range
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Sealing	IP65 per I C sealing specifications
ESD	±15 KV air discharge, ±6 KV conductive discharge

Data Collection	
Camera	
Rear Camera	13 MP Autofocus with Flash

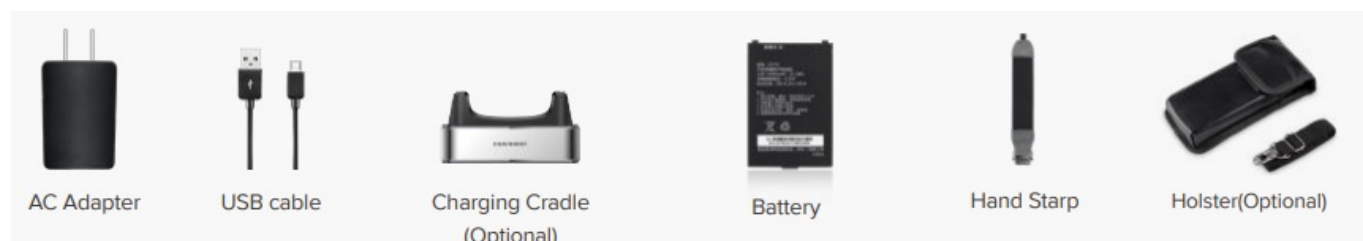
Barcode Scanning (Optional)	
2D Imager Scanner	zebra S 4710; Honeywell N6603
1D Symbolologies	UPC/ N, Code 1 8, Code39, Code93, Code11, Interleaved of 5, Discrete of 5, Chinese of 5, Codabar, MSI, RSS, etc.

2D Symbologies	PDF417, MicroPDF417, Composite, RSS, LC-39, Datamatrix, QR code, Micro QR code, ztec, MaxiCode; Postal Codes: US Post Net, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KI), etc.
NFC (Optional)	
Frequency	13.56 MHz
Protocol	ISO14443 /B, ISO15693, NFC-IP1, NFC-IP , etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	-4 cm

* Pistol grip is optional, NFC can not coexist with the pistol grip

Accessories

(See details in Accessory Guide)




- **Notice:** Product specifications are subject to change without prior notice.
- **Model:** C6000
- **Update Date:** 2022-12-2

FAQ

- **Q: What are the operating temperature ranges?**
A: Operating Temp. 0°F to 122°F to 50°C
- **Q: What are the storage temperature ranges?**
A: Storage Temp. 0°F to 70°F to 70°C

Documents / Resources

	<p>CHAINWAY C6000 Mobile Computer [pdf] Owner's Manual</p> <p>C6000, C6000 Mobile Computer, C6000, Mobile Computer, Computer</p>
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References

- [User Manual](#)

Related Posts



[CHAINWAY MC50 Mobile Computer Installation Guide](#)

CHAINWAY MC50 Mobile Computer Installation Guide

Standard Adapters PWR-C50-5V2A-CN PWR-C50-

5V2A-EU PWR-C50-5V2A-UK PWR-C50-5V2A-US

Adapter (CN/EU/UK/US), I/P: 100-240V, O/P: 5V2A,...



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