



## C70S Mobile Computer

Chainway C70S, an Android-based mobile computer, delivers unprecedented excellence. It features powerful quad-core processor, stable wireless connectivity (4G LTE, Wi-Fi, Bluetooth), high-resolution camera, accurate GPS, NFC and optional 2D image scanning, iris recognition functions. This rugged device can be deployed in industries like express delivery, logistics, warehousing, manufacturing and so forth.



### Most Powerful Application Performance

Chainway C70S prides itself on fluent Android 6.0 OS, powerful quad-core processor, together with 2GB of RAM, 16GB of ROM, plus a SD card slot that can add up to 32GB expansion.



### Extensive Data Capture Functions

C70S can be integrated with best-in-class 2D image scanner, high-resolution camera, and NFC module. It offers higher accuracy in identity authentication with reliable iris recognition.



### 4G LTE — Faster Connectivity

Either indoors or outdoors, C70S provides enterprises with anywhere, anytime connectivity by fast 4G LTE cellular network, 802.11 a/b/g/n Wi-Fi and Bluetooth.



### Rugged and Compact

C70S is highly rugged, compact and durable. With IP68 water and dust proof capability, workers can still expect reliable performance if they drop it to the concrete carelessly, use it in dusty areas, or even get it wet.



### High Resolution Screen

C70S adopts 5.2 inch high-resolution (1080P) IPS LCD screen. Its rugged capacitive touch panel supports operation with wet hands or gloves.



### Ultra-thin, Ultra-light & Ergonomic

This portable device weighs only 8.11oz/230g. The ergonomic design makes it comfortable to hold, delivering comfortable user experience.

#### About Chainway

As a leading "Internet of Things" company in China, Shenzhen Chainway Information Technology Co., Ltd is a professional provider of products and solutions of RFID and barcode technology. Founded in 2005, Chainway, a high-tech enterprise, has won several times the title of the Best Provider of RFID Readers. Thousands of clients from over 100 countries have experienced our products in retail, logistics, transportation, healthcare, finance, security and manufacturing, etc. Through our nationwide offices, overseas subsidiary and an extensive partner network, we aim to provide high quality service to our clients.



1D Barcode



2D Barcode



IRIS



4G



NFC



WiFi



Bluetooth



GPS



Camera

## Physical Characteristics

Dimensions	163.8*79.2*13.8mm/6.45*3.12*0.54in
Weight	<230g/8.11oz
Display	5.2" IPS FHD 1920x1080P
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Power	Main battery: Li-ion, rechargeable, ≥3800mAh
Expansion Slot	1 slot for SIM card, 1 slot for SIM or TF card
Interfaces	USB
Audio	speaker, 2 microphones
Keypad	4 front buttons, 1 side button, 2 scan keys, 1 multifunctional key
Sensors	Gravity sensor, Light Sensor, Proximity Sensor, Vibration Motor

## Performance

CPU	Cortex-A53 Quad-core 1.3GHz
RAM+ROM	2GB+16GB
Expansion	Supports up to 32 GB Micro SD card

## Developing Environment

Operating System	Android 6.0
SDK	Chainway Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

## User Environment

Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-4°F to 158°F / -20°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.8m/5.9ft drops to the concrete
Sealing	IP68

## Communication

WLAN	IEEE802.11 a/b/g/n
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WWAN(Europe)	<b>2G:</b> B2, B3, B8, B5
	<b>3G:</b> B1, B2, B5, B8
	<b>4G:</b> B1, B3, B5, B7, B20, B40
WWAN(America)	<b>2G:</b> B2, B3, B8, B5
	<b>3G:</b> B2, B4, B5, B8
	<b>4G:</b> B2, B4, B7, B17
WWAN (China)	<b>2G:</b> B3, B8
	<b>3G:</b> B1, B8, B34, B39
	<b>4G:</b> B1, B3, B5, B38, B39, B40, B41
WWAN (Others)	Depending on the country's ISP
Bluetooth	Bluetooth 4.0, BLE
GNSS	GPS, GLONASS, BeiDou

## Data Collection

### NFC

Frequency	13.56MHz
Protocol	ISO/IEC 18092 (ECMA 340)
	ISO/IEC 21481 (ECMA 352)
Range	2-4cm

### Camera

Camera	13MP autofocus camera with flash
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## Barcode Scanning (Optional)

2D Imager Scanner	N6603/SE4710
1D Symbolologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbolologies	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.

## Iris (optional)

Rate	<150ms
Range	20-40cm
FAR	1/10000000

Notice: Product specifications are subject to change without notice. / Version: C70S V1.2.6 / Update Date: 2017-06-22

## 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

### Chainway (India) Pvt. Ltd.

Address: 604, Tower B, Global Business Park, M.G. Road, Gurgaon, Haryana, India,122002.

Tel: +91 124 40000 23/24 / Fax: +91 124 40000 36 Email:info@chainway.co.in

