



## C70U Mobile Computer

Chainway C70U is an Android rugged mobile computer. With its powerful quad-core processor and wireless connections such as 4G, Bluetooth and Wi-Fi, at least 6000mAh powerful battery, as well as barcoding, you can find this easy-to-deploy device an exceptionally valuable helper to increase working efficiency and productivity. C70U with abundant functions can best satisfy your different industrial needs.



### Powerful Application Performance

C70U, based on fluent Android 6.0 OS, features powerful quad-core 1.3GHz processor, together with 2GB of RAM, 16GB of ROM, plus a SD card that can add up to 32GB expansion.



### 4G LTE — Faster Connectivity

With a variety of options including 4G, Wi-Fi and Bluetooth, C70U will never interrupt your work either indoors or outdoors with fast and stable network connectivity.



### Extensive Data Capture Functions

C70U 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.



### Rugged and Compact

With IP67 rating, C70U is highly dust-proof and water-proof. This rugged device can sustain multiple 1.5m/4.9ft drops to the concrete under harsh environment.



### High Resolution Screen

C70U adopts 5.2 inch high-resolution (1080P) IPS LCD screen. Its rugged capacitive touch panel supports operation with wet hands or gloves.



### 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.

#### 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



WiFi



Bluetooth



GPS



Camera

## Physical Characteristics

<b>Display</b>	5.2" IPS FHD 1920x1080P
<b>Touch Panel</b>	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
<b>Power</b>	Total amount: ≥6000mAh
<b>Expansion Slot</b>	1 slot for SIM card, 1 slot for SIM or TF card
<b>Interfaces</b>	USB
<b>Audio</b>	speaker, 2 microphones
<b>Keypad</b>	4 front buttons, 1 side button, 2 scan keys, 1 multifunctional key
<b>Sensors</b>	Gravity sensor, Light Sensor, Proximity Sensor, Vibration Motor

## Performance

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

## User Environment

<b>Operating Temp.</b>	-4°F to 122°F / -20°C to 50°C
<b>Storage Temp.</b>	-4°F to 158°F / -20°C to 70°C
<b>Humidity</b>	5%RH - 95%RH non condensing
<b>Drop Specification</b>	Multiple 1.5m drops to the concrete
<b>Sealing</b>	IP67

## Developing Environment

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

## Communication

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

## Data Collection

### Camera

<b>Camera</b>	13MP autofocus camera with flash
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## Barcode Scanning (Optional)

<b>1D Linear Scanner</b>	N4313
<b>1D Symbolologies</b>	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
<b>2D Imager Scanner</b>	N6603/SE4710/SE4750MR, etc.
<b>2D Symbolologies</b>	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)

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

Notice: Product specifications are subject to change without notice. / Version: C70U-1 V1.2.4 / Update Date: 2017-06-16

## CHAINWAY®

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## C70U With Pistol



## C70U



## C70U UHF



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