



## C6000

### Mobile Computer

Chainway C6000 is an Android-based rugged mobile computer. With its fast 4G connectivity and powerful quad-core processor as well as the comprehensive data capture options, including NFC, best-in-class 1D/2D barcode scanning, high-resolution camera and GPS, you can find this easy-to-deploy device an exceptionally valuable helper for your workers to increase their efficiency and productivity. With its highly customizable ability, enterprises can deploy this single device in many areas, including logistics, warehouse management, asset tracking, fleet management, healthcare and etc.



#### Powerful Application Performance

Chainway C6000 features Android 6.0 OS, powerful quad-core processor, together with 1/2GB of RAM, 8/16GB build-in flash storage, plus a SD card slot that can add up to 32GB of memory.



#### 4G LTE — Faster Connectivity

Whether indoors or outdoors, the C6000 provides enterprises with anywhere, anytime real-time connectivity by the fast 4G LTE cellular network and 802.11 a/b/g/n Wi-Fi support.



#### Extensive Data Capture Functions

The C6000 can be integrated with best-in-class Zebra 1D/2D barcode scanning engine, high-resolution camera and GPS. It allows users to choose data collection options as per industry need.



#### Rugged and Compact

The C6000 is highly rugged, compact and durable. With an IP65 water and dust proof capability, workers can drop this device on concrete, use it in dusty areas, even get it wet, and still expect reliable operation.



#### Superior NFC Reading Capability

It can be configured with high-performance NFC reading/writing module supporting ISO/IEC 18092 (ECMA 340), ISO/IEC 21481 (ECMA 352).



#### 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.



1D Barcode



2D Barcode



4G



NFC



WiFi



Bluetooth



GPS



Camera

## Physical Characteristics

<b>Dimensions</b>	157.6 x 73.7 x 29mm/6.2x2.9x1.1in
<b>Weight</b>	310g/10.9oz
<b>Display</b>	4" WVGA (480*800), 16.7M colors
<b>Touch Panel</b>	Rugged dual touch capacitive touch panel
<b>Power</b>	Main battery: Li-ion, rechargeable, 4000mAh
<b>Expansion Slot</b>	1 PSAM (ISO7816, protocol), 1 SIM, 1 MicroSD (TF) slot
<b>Interfaces</b>	USB Micro-B, OTG
<b>Audio</b>	0.5W speaker, build-in microphone
<b>Keypad</b>	3 TP touch key-press buttons, 3 side buttons, numeric keyboard
<b>Sensors</b>	Light Sensor, Proximity Sensor, Gravity Sensor, Vibration Motor
<b>AC Adapter</b>	Input: 100v-240V, 50-60Hz, 0.29A Output: 5V, 2A

## Performance

<b>Option 1</b>	<b>CPU:</b> Cortex A-53 1.3 GHz quad-core
	<b>RAM:</b> 2GB
	<b>ROM:</b> 16GB
<b>Option 2</b>	<b>CPU:</b> Cortex A-53 1.3 GHz quad-core
	<b>RAM:</b> 1GB
	<b>ROM:</b> 8GB
<b>Expansion</b>	Supports up to 32GB Micro SD card

## 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

## User Environment

<b>Operating Temp.</b>	14°F to 122°F / -10°C to 50°C
<b>Storage Temp.</b>	-40°F to 158°F / -40°C to 70°C
<b>Humidity</b>	5%RH - 95%RH non condensing
<b>Drop Specification</b>	Multiple 1.5m/4.9ft drops to concrete across the operating temperature range
<b>Tumble Specification</b>	1000 x 0.5m/1.64ft falls at room temperature
<b>Sealing</b>	IP65
<b>ESD</b>	±15KV air discharge, ±8KV conductive discharge

## 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
<b>GNSS</b>	GPS, GLONASS, BeiDou, AGPS

## Data Collection

<b>Camera</b>	8/13MP autofocus camera with flash
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## Barcode Scanning (Optional)

<b>1D Linear Scanner</b>		
<b>1D Laser / CCD</b>	SE965	
<b>Symbologies</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>	
	<b>2D CMOS Laser Scanner</b>	SE4710
<b>Symbologies</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.	

## NFC (Optional)

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

## Accessories



AC Adapter



USB cable

Notice: Product specifications are subject to change without notice. / Version: C6000 V2.2.0 / Update Date: 2017-06-01

