






# CHAINWAY



# C6000

## Mobile Computer

-  Android
-  4G
-  WiFi
-  Bluetooth
-  1D Barcode
-  2D Barcode
-  PSAM
-  NFC
-  Camera
-  GPS

Chainway C6000 is an Android rugged mobile computer. With C6000 in your hand, you can find this easy-to-deploy device an exceptionally valuable helper for your workers to increase your efficiency and productivity. C6000 can be deployed in many areas, like logistics, warehouse management, asset tracking, fleet management, healthcare and etc.



# Specification

## Physical Characteristics

<b>Dimensions</b>	157.6 x 73.7 x 29mm/6.2x2.9x1.1in
<b>Weight</b>	292g/10.3oz
<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, 4200mAh
	Standby: over 300 hours
	Continuous use: over 12 hours (depending on user environment)
	Charging time: 3-4 hours (with standard adaptor and USB cable)
<b>Expansion Slot</b>	1 PSAM (only for high-level configuration, but is not available for V4 version); 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 soft keys, 3 side keys, numeric keyboard
<b>Sensors</b>	Light sensor, proximity sensor, gravity sensor, vibration motor

## Performance

<b>High-level Configuration</b>	CPU: Cortex A-53 1.3 GHz quad-core
	RAM+ROM: 2GB+16GB
<b>Low-level Configuration</b>	CPU: Cortex A-53 1.3 GHz quad-core
	RAM+ROM: 1GB+8GB
<b>Expansion</b>	Supports up to 128 GB Micro SD card

## Developing Environment

<b>Operating System</b>	Android 6.0; Soti MobiControl, SafeUEM supported
<b>SDK</b>	Chainway Software Development Kit
<b>Language</b>	Java
<b>Tool</b>	Eclipse / Android Studio

## User Environment

<b>Operating Temp.</b>	-4°F to 122°F / -20°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 2m/6.56ft 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 per IEC sealing specifications
<b>ESD</b>	±15KV air discharge, ±6KV conductive discharge

## Communication

<b>WLAN</b>	IEEE802.11 a/b/g/n, 2.4G/5G dual-band, internal antenna
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<b>WWAN(Europe)</b>	2G: 850/900/1800/1900MHz
	3G: 850/900/1900/2100MHz
	4G: B1, B3, B5, B7, B8, B20, B40
<b>WWAN(America)</b>	2G: 850/900/1800/1900MHz
	3G: 850/900/1700/1900MHz
	4G: B2, B4, B7, B12, B17
<b>WWAN (China)</b>	2G: 900/1800MHz
	3G: 900/1900/2000/2100MHz
	4G: B1, B3, B38, B39, B40, B41
<b>WWAN (V4)</b>	2G: 850/900/1800/1900MHz
	3G: WCDMA: B1, B2, B4, B5, B8
	4G: TDD-LTE: B38, B39, B40, B41 FDD-LTE: B1, B2, B3, B4, B5, B7, B8, B12, B17, B20
<b>WWAN (Others)</b>	Depending on the country's ISP
<b>Bluetooth</b>	Bluetooth 4.0, BLE
<b>GNSS</b>	GPS/AGPS, GLONASS, BeiDou, internal antenna

## Data Collection

### Camera

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

#### 1D Linear Scanner

<b>1D Scan Engine</b>	Zebra SE965 / Honeywell N4313 / UE966
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<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.
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#### 2D Imager Scanner

<b>2D CMOS Laser Scanner</b>	Zebra SE4710/SE2100/Honeywell N6603
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<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.
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### NFC

<b>Frequency</b>	13.56MHz
<b>Protocol</b>	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
<b>Chips</b>	M1 card (S50, S70), CPU card, NFC tags, etc.
<b>Range</b>	2-4cm

\* NFC is only available for high-level configuration, and pistol grip is only available for V4 version, NFC can not coexist with the pistol grip

## Accessories (See details in Accessory Guide)



AC Adapter



USB cable



Charging Cradle  
(only optional for high-level configuration;Optional)



8-slot Battery  
Charger(Optional)



Battery



Wristband



Holster(Optional)

Notice: Product specifications are subject to change without prior notice. / Model: C6000 / Update Date: 2019-09-09

**CHAINWAY®**

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