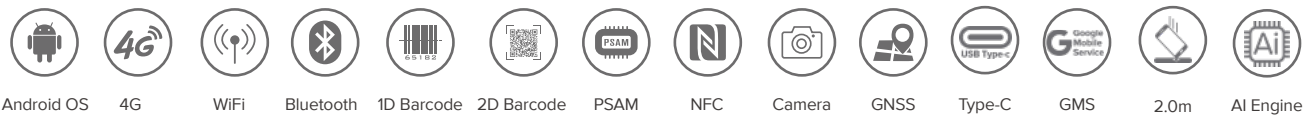


# CHAINWAY



# 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

|                       |  |
|-----------------------|--|
| <b>Dimensions</b>     | 157.6 x 73.7 x 29 mm / 6.2 x 2.9 x 1.14 in.  |
| <b>Weight</b>         | 292 g / 10.3 oz.   |
| <b>Display</b>        | 4" TN α-Si 480*800, 16.7M colors   |
| <b>Touch Panel</b>    | Rugged dual touch capacitive touch panel   |
| <b>Power</b>          | Main battery: Li-ion, removable, 4200mAh<br>Standby: over 300 hours<br>Continuous use: over 12 hours (depending on user environment)<br>Charging time: 3-4 hours (with standard adaptor and USB cable) |
| <b>Expansion Slot</b> | 1 slot for Mirco SIM card, 1 slot for MircoSD(TF) or PSAM card (optional)  |
| <b>Interfaces</b>     | USB 2.0, Type-C, OTG   |
| <b>Sensors</b>        | Light sensor, proximity sensor, gravity sensor   |
| <b>Notification</b>   | Sound, LED indicator, vibrator   |
| <b>Audio</b>          | 1 microphone; 1 speaker; receiver  |
| <b>Keypad</b>         | 3 TP soft keys, 3 side keys, numeric keyboard  |

## Performance

|                         |   |
|-------------------------|---|
| <b>Operating System</b> | Android 10.0; GMS, Soti MobiControl; FOTA, SafeUEM supported. Built-in support for a future upgrade through Android 11 / 12 which complies with GMS |
| <b>CPU</b>              | Cortex A-53 2.0 GHz Octa-core   |
| <b>RAM+ROM</b>          | 3GB + 32GB  |
| <b>Expansion</b>        | Supports up to 128 GB Micro SD card   |

## Communication

|                      |  |
|----------------------|--|
| <b>WLAN</b>          | Support 802.11 a/b/g/n/ac/d/e/h/i/l/k/r/v, 2.4G/5G dual-band, IPV4,IPV6, 5G PA;<br>Fast roaming: PMKID caching, 802.11r, OKC<br>Operating Channels: 2.4G(channel 1~13), 5G(channel 36,38,40,42,44,46,48,52,56,60,64,100,104,108,112,116,120, 124,128,132,136,140,149,153,157,161,165, depends on local regulations<br>Security and Encryption: WEP/WPA/WPA2-PSK(TKIP and AES),WAPI-PSK—EAP-TTLS,EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS,PEAP-GTC,etc. |
| <b>WWAN</b>          | 2G: GSM850/GSM900/DCS1800/PCS1900<br>3G: CDMA EVDO: BC0<br>WCDMA: B1/B2/B4/B5/B8<br>TD-SCDMA: A/F(B34/B39)<br>4G: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28A/B28B/B34/B38/B39/B40/B41   |
| <b>WWAN (Others)</b> | Depending on the country's ISP   |
| <b>Bluetooth</b>     | V2.1+EDR, 3.0+HS and V4.1+HS, BT5.0  |
| <b>GNSS</b>          | GPS/AGPS, GLONASS, BeiDou, internal antenna  |

## Developing Environment

|                 |                                   |
|-----------------|-----------------------------------|
| <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 2 m / 6.56 ft. drops to concrete across the operating temperature range |
| <b>Tumble Specification</b> | 1000 x 0.5 m / 1.64 ft. falls at room temperature                                |
| <b>Sealing</b>              | IP65 per IEC sealing specifications  |
| <b>ESD</b>                  | ±15 KV air discharge, ±6 KV conductive discharge                                 |

## Data Collection

### Camera

|                    |                            |
|--------------------|----------------------------|
| <b>Rear Camera</b> | 13 MP Autofocus with Flash |
|--------------------|----------------------------|

### Barcode Scanning (Optional)

|                          |   |
|--------------------------|---|
| <b>2D Imager Scanner</b> | Zebra SE4710; Honeywell N6603   |
| <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 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. |

### NFC

|                  |   |
|------------------|---|
| <b>Frequency</b> | 13.56 MHz                                     |
| <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>     | 2-4 cm  |

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

## Accessories (See details in Accessory Guide)



AC Adapter



USB cable



Charging Cradle (Optional)



Battery



Hand Strap



Holster(Optional)

Notice: Product specifications are subject to change without prior notice. / Model: C6000 / Update Date: 2022-07-27

**CHAINWAY**®

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