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

Dimensions	157.6 x 73.7 x 29mm/6.2x2.9x1.1in
Weight	292g/10.3oz
Display	4" WVGA (480*800), 16.7M colors
Touch Panel	Rugged dual touch capacitive touch panel
Power	Main battery: Li-ion, rechargeable, 4000mAh
	Standby: over 300 hours
	Continuous use: over 12 hours (depending on user environment)
	Charging time: 3-4 hours (with standard adaptor and USB cable)
Expansion Slot	1 PSAM (only for high-level configuration): ISO7816 protocol , 1 SIM, 1 MicroSD (TF) slot
Interfaces	USB Micro-B, OTG
Audio	0.5W speaker, build-in microphone
Keypad	3 TP soft keys, 3 side keys, numeric keyboard
Sensors	Light sensor, proximity sensor, gravity sensor, vibration motor
AC Adapter	Input: 100V-240V, 50-60Hz, 0.29A
	Output: 5V, 2A

Performance

High-level Configuration	CPU: Cortex A-53 1.3 GHz quad-core
	RAM+ROM: 2GB+16GB
Low-level Configuration	CPU: Cortex A-53 1.3 GHz quad-core
	RAM+ROM: 1GB+8GB
Expansion	Supports up to 32GB 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.	-40°F to 158°F / -40°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 2m/6.56ft drops to concrete across the
	operating temperature range
Tumble Specification	1000 x 0.5m/1.64ft falls at room temperature
Sealing	IP65
ESD	±8KV air discharge, ±4KV conductive discharge

Communication

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

Data Collection

Camera

Camera	8/13MP Autofocus with flash

Barcode Scanning (Optional)

1D Linear Scanner

1D Scan Engine	Honeywell N4313/ UE966
Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.

2D Imager Scanner

2D CMOS Laser Scanner	Zebra SE4710/Honeywell N6603
Symbologies	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

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

* NFC is only available for high-level configuration

Accessories

AC Adapter

USB cable

Charging Cradle
(only optional for high-level configuration)

Notice: Product specifications are subject to change without prior notice. / Model: C6000 / Update Date: 2018-01-18

CHAINWAY®

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