C6000

Ergonomic Mobile Handheld Computer

Android	LTE	WIFI Dual Band	Bluetooth	2D Imager	NFC	Camera	GPS	PSAM

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, etc.

techsigno
SMART & GREEN

CHAINWAY ®

C6000 Specifications

Physical Characteristics

Dimensions	157,6*73,7*29mm
Weight	292gr
Display	4'' WVGA 480*800 16,7M Colors
Touch Panel	Rugged Dual touch capacitive rough 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 slot for SIM card, 1 slot for PSAM cards
Interfaces	USB2.0 Type-C, OTG
Audio	Speaker, microphone
Keypad	3 TP Soft Key, 3 Side Keys, Numeric Keyboard
Sensors	Gravity sensor, Light Sensor, Vibration Motor, Proximity Sensor

Performance

CPU	Cortex A53 Quad-core 1,3GHz
RAM+ROM	2GB+16GB
Expansion	Supports up to 32 GB 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.	-20˚C to 50˚C
Storage Temp.	-40˚C to 70˚C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 2m drops to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5m falls at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±8KV air discharge, ±4KV conductive discharge

Camera

Rear Camera	13MP Autofocus with flash
Front Camera (Optional)	8MP

Communication

WLAN	IEEE802.11 a/b/g/n 2.4G/5G dual-band with 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, B5, B26, B41
WWAN (China)	2G: 900/1800MHz 3G: 900/1900/2000/2100MHz 4G: TDD-LTE: B38, B39, B40, B41 FDD-LTE: B1, B3
WWAN (Others)	Depending on the country's ISP
Bluetooth	Bluetooth 4.0 BLE
GNSS	GPS/AGPS, GLONASS, BeiDou with internal antenna

NFC

Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2
Chip	M1 Card (S50, S70), CPU Cards, NFC Tags, etc.
Range	2-4cm

Barcode Scanning (Optional)

1D Scan Engine	Zebra SE965 / Honeywell N4313 / UE966
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, MSI, RSS, etc.
2D Scan Engine	Zebra SE4710 / Honeywell N6603
2D 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.

Carrying Bag

USBcable

Charging Cradle

Multiple Battery Charger

techsigno
SMART & GREEN

CHAINWAY®

Chainway is a leading manufacturer of rugged mobile computers and fixed data terminals in China. Founded in 2005, it headquarters in Shenzhen. For the past decade, Chainway has delivered data collection devices, including handheld RFID reader, fingerprint reader, barcode scanner and etc, to thousands of customers around the globe. We work with a worldwide network of distributors, system integrators and software developers to offer complete and professional data collection solutions to customers from a variety of areas.