CHAINWAY®

# C75

## Mobile Terminal with Printer

Android | 4G | WiFi | Bluetooth | Printer | PSAM

1D Barcode | 2D Barcode | IRIS | NFC | Camera | GPS

C75 is a devoted handheld computer that offers mobile printing capabilities. The thermal printer supports various printer engines and prints labels and receipts. Built-in dual slots are for PSAM cards to encrypt data. Portable and durable, this device is the perfect multi-use tool for your advanced data capture and mobility needs in retail, healthcare, parking, etc.

# Specification

## Physical Characteristics

| | |
|---|---|
| **Dimensions** | 186.89*83.99*35.04-49.49mm |
| **Weight** | <350g/12.35oz |
| **Display** | 5.2'' IPS FHD 1920x1080P |
| **Touch Panel** | Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported |
| **Power** | Main battery: Li-ion, rechargeable, 8000mAh |
| **Expansion Slot** | 2 PSAM slots at most (ISO7816 protocol), 1 slot for SIM card, 1 slot for SIM or TF card |
| **Interfaces** | USB 2.0 Type-C, OTG |
| **Audio** | Speaker, 2 microphones |
| **Keypad** | 3 side keys, 1 power key, numeric keyboard |
| **Sensors** | Gravity sensor, light sensor, proximity sensor, vibration motor |

## 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.** | -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 1.2m/3.9ft drops to the concrete |

## 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: TDD-LTE: B38, B39, B40, B41 |
| | FDD-LTE: B1, B3, B5 |
| **WWAN (Others)** | Depending on the country's ISP |
| **Bluetooth** | Bluetooth 4.0, BLE |
| **GNSS** | GPS/AGPS, GLONASS, BeiDou; internal antenna |

## Camera

| | |
|---|---|
| **Camera** | 13MP Autofocus with flash |

## Thermal Printer

| | |
|---|---|
| **Rate (mm/s)** | 85 |
| **Image Size (pixel)** | 384 dots |
| **Paper Width (mm)** | 58 |

## 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 |

## Barcode Scanning (optional)

| | |
|---|---|
| **1D Linear Scanner** | Honeywell N4313 |
| **1D 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** | 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. |

## Iris (optional)

| | |
|---|---|
| **Rate** | <150ms |
| **Range** | 20-40cm |
| **FAR** | 1/10000000 |

# Accessories

AC Adaptor

USB Cable

Notice: Product specifications are subject to change without prior notice. / Model: C75 / Update Date: 2017-12-29


CHAINWAY®

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