



C75

Mobile Terminal with Printer



Android



4G



WiFi



Bluetooth



Printer



PSAM



1D Barcode



2D Barcode



IRIS



NFC



Camera



GPS

C75 handheld computer is a two-in-one device for real-time data collection and printing of receipt. The features such as integrated mobile printer and speed data collection make it a preferred device in the market. The built-in dual slots for PSAM cards help in easy encryption of data. The portable design of this device is a perfect combination of multiple tools used for mobility purposes in various sectors like retail, healthcare, parking, etc.



Specification

Performance	
Operating System	Android 11; SafeUEM supported. Committed support for a future upgrade to Android 12, 13, and Android 14 pending feasibility
CPU	Cortex-A53 2.3GHz Octa-core
RAM+ROM	3 GB + 32 GB / 4 GB + 64 GB (optional)
Expansion	Supports up to 128 GB Micro SD card
Communication	
WLAN	IEEE802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v/w, 2.4G/5G dual-band, internal antenna
WWAN	2G: GSM850/GSM900/DCS1800/PCS1900
	3G: WCDMA: B1/B2/B4/B5/B8 CDMA2000 EVDO: BC0 TD-SCDMA: A/F
	4G: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28A/ B28B/B34/B38/B39/B40/B41
Bluetooth	Bluetooth 5.0
GNSS	GPS/AGPS, GLONASS, BeiDou; internal antenna
Developing Environment	
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 1.5 m / 4.92 ft. drops (at least 20 times) to the concrete across the operating temperature range
ESD	±15KV air discharge, ±6KV conductive discharge
Sealing	IP54
Physical Characteristics	
Dimensions	186.89 x 83.99 x 35.04-49.49 mm
Weight	507 g / 17.88 oz.
Display	5.2" IPS LTPS 1920 x 1080
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 Nano SIM card, 1 slot for Nano SIM or TF card
Interfaces	USB 2.0 Type-C, OTG
Audio	Speaker, 2 microphones
Keypad	1 power key, 2 scan keys, 1 multifunctional key, numeric keyboard
Sensors	Light sensor, proximity sensor, gravity sensor
Color	Black + White

Camera	
Camera	13MP Autofocus with flash
Thermal Printer	
Rate	85 mm/s
Image Size (pixel)	384 dots
Paper Width	58 mm
Paper Diameter	3 cm
Paper Length	5.45 m
NFC	
Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4 cm
Barcode Scanning (optional)	
2D Imager Scanner	Zebra SE4710, Honeywell N6603, Coas IA166S / IA171S
2D Symbolologies	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	< 150 ms
Range	20-40 cm
FAR	1/10000000
Protocol	ISO/IEC 19794-6, GB/T 20979-2007

Accessories (See details in Accessory Guide)



AC Adaptor



USB Cable



Printing Paper



Holster(Optional)

Notice: Product specifications are subject to change without prior notice. / Model: C75 / Update Date: 2022-01-14

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