CHAINWAY®

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SMART & GREEN



MC62

Mobile Computer

Android | 4G | Wi-Fi | Bluetooth | NFC | 1D Barcode | 2D Barcode | Camera | GPS

Chainway MC62 is a lightweight and portable high-performance mobile computer. With Android 13, octa-core processor, 4-inch touchscreen and 5000mAh removable battery, the excellent configuration delivers highly efficient operation. It supports barcode scanning, NFC, 13MP camera, multiple wireless connections, and features IP67 protection rating, 1.5 meters drop resistance. The mobile computer is thus widely applicable in various fields including warehousing, logistics, retail, finance, transportation, and manufacturing, helping users significantly improve work efficiency.



Specification

Physical Characteristics

Dimensions	163.5 x 67.0 x 17.1mm/6.44 x 2.64 x 0.67in
Weight	256g / 9.03oz (device with battery)
Display	4-inch, 480 x 800
Touch Panel	Multi-touch panel, gloves and wet hands supported
Power	5000mAh removable battery, support quick charge
Expansion Slot	1 slot for SIM card, 1 slot for SIM or TF card
Interfaces	USB Type-C, USB 2.0, OTG
Sensors	Gravity sensor, distance sensor, light sensor; Gyroscope (optional), geomagnetic sensor (optional)
Notification	Sound, LED indicator, vibrator
Audio	2 microphones, 1 for noise reduction, back; 1 speaker; receiver
Keypad	Main keypad , 2 scan keys, multi-function keys

Performance

Operating System	Android 13; GMS
CPU	Octa-core, 2.0 GHz
RAM+ROM	4GB + 64GB
Expansion	Supports up to 256GB Micro SD (TF) card

Communication

WLAN	802.11d/e/h/i/j/k/r/v/w with companion D-die, Dual-band(2.4GHz and 5GHz) single stream 802.11 a/b/g/n/ac RF, 20/40/80MHz bandwidth, 5G PA
WWAN	2G: GSM (B2 / B3 / B5 / B8)
	3G: WCDMA (B1 / B2 / B4 / B5 / B8) TD-SCDMA (B34 / B39)
	4G: FDD-LTE (B1 / B2 / B3 / B4 / B5 / B7 /B8 / B12 / B17 / B20 / B28A / B28B) TDD-LTE (B34 / B38 / B39 / B40 / B41)
Bluetooth	Bluetooth 5.0
GNSS	GPS/AGPS, GLONASS, BeiDou, Galileo
Vo-LTE	Support

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 / 4.9 ft. drops to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Sealing	IP67 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge

Developing Environment

SDK	Chainway Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

Data Collection

Camera

Rear Camera	13MP Autofocus with flash
Front Camera	5MP

Barcode Scanning (Optional)

2D Scanner	Zebra: SE4710; CM60
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 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	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4 cm

Accessories

Charging base, handle, protective cover, etc

* For detailed specification, please check Accessory Guide.

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SMART & GREEN
Address: Via dei Boschi, 2/13, 33040 Pradamano (UD), Italy
Tel. +39 0432 603604 email: sales@chainway-italy.com web: https:// www.chainway-italy.com