

C63

Mobile Computer

The Flagship Keypad Handheld For Next-Level Industrial Data Capture.



Rugged by design and refined in form, Chainway C63 offers flexible 27/37/47-key layouts for intensive input workflows. Optional ultra long-range scanning captures distant barcodes with precision. Add the ergonomic handle for enhanced grip and extended power—up to 11,700mAh. The dual-battery system supports hot-swapping and a pop-out design for nonstop operation. More than just efficient, the C63 is a dependable workhorse engineered for high-demand environments — ready to perform, shift after shift.

Industrial-Grade Protection for Harsh Environments

The C63 is engineered for industrial durability and reliable operation in tough conditions. It passes the **MIL. STD-810H drop test at 1.5 meters**, ensuring resilience against everyday shocks and drops.

With an **IP67** rating, it offers superior dustproof and waterproof protection, maintaining stable operation even in extreme environments. Whether for outdoor inspections, warehouse logistics, or industrial fieldwork, the C63 delivers reliable, long-lasting performance.



Flagship Performance & Long-Term Support

The C63 features Qualcomm's 4G IoT long-life platform, with guaranteed chip supply through 2028. Its 2.0 GHz CPU and nearly **330,000 AnTuTu** score handle complex tasks easily. Running Android 13 with **Google AER enterprise certification**, it offers enhanced security, stability, and long-term OS updates.

It supports continuous Android OS updates and maintenance, upgradeable up to Android 18, enabling sustainable device management and IT compliance for enterprises.

Memory configurations include a standard **4GB RAM + 64GB ROM** version, and an upgraded **6GB RAM + 128GB ROM** option, ensuring stable performance for large applications, data caching, and parallel multitasking.

Large Battery, Fast Charge, Hot-Swap, Nonstop Work

The C63 comes with a **6,700mAh removable battery** supporting **QC3.0 fast charging** and offers an optional handle and **5,000mAh handle battery**. It supports hot-swappable battery replacement, ensuring uninterrupted power and continuous task performance.

The integrated battery and cover design allows quick removal with a simple press of the latch, greatly improving replacement efficiency. The battery meter function provides real-time monitoring of power consumption, health status, and replacement cycles, extending battery lifespan and optimizing maintenance.

Versatile Data Capture

The C63 is equipped with a 13MP rear camera (with autofocus and flash) , supporting high-resolution image capture. An enterprise-grade barcode engine enables fast, accurate scanning of all 1D/2D barcodes. including damaged and DPM codes.

The C63 comes with built-in NFC, enabling convenient short-range wireless identification.

Powerful Wireless Connectivity

The C63 integrates **Wi-Fi 6-ready**, and **Bluetooth 5.1**, **delivering high-reliability**, low-latency wireless connectivity to meet industrial-grade demands for high-speed data, stability, and multi-device collaboration.

Seamless Wi-Fi roaming enables uninterrupted connectivity across zones.With 4G, the C63 achieves faster large file downloads, remote database access, and real-time HD video transmission.**Bluetooth 5.1** enhances anti-interference, lowers latency, and supports stronger multi-device connections.

Specification			
Physical Characteristics	Dimensions	203.50 x 72.8 x 160 mm /8.01 x 2.87 x 6.30in. (with pistol) 203.50 x 72.8 x 34.8 mm /8.01 x 2.87 x 1.37in. (without pistol)	
	Weight	385g / 13.58oz. (device with battery) ; 571g / 20.14oz. (device with pistol and battery)	
	Keypad	Main keyboard (Optional) : 27 keys /37 keys /47 keys; Side keys: 2 scan keys + 2 volume keys + 1 user-defined key	
	Battery	6700 mAh removable main battery, 5000 mAh optional pistol battery, support QC3.0 and RTC; supporting battery hot swap	
	Display	4-inch high definition display, 800*480	
	Touch Panel	Multi-touch panel, gloves and wet hands supported	
	Sensor	G-sensor, light sensor, proximity sensor, geomagnetic sensor,gyro sensor	
	Notification	Sound, LED indicator, vibrator	
	Audio	1 microphone for noise cancellation; 1 speaker; 1 receiver	
	Card slot	1 slot for Micro SIM card, 1 slot for TF card	
	Interfaces	USB Type-C, USB 3.1, OTG, extended thimble	
Performance	CPU	Octa-core, 2.0 GHz	
	RAM+ROM	UFS , 4GB +64GB/6GB +128GB (optional)	
	Expansion	Supports up to 256GB Micro SD (TF) card	
Communication	WLAN	Support 802.11 a/b/g/n/ac/ax-ready,Support Fast roaming	
	Vo-LTE	Support Vo-LTE HD video voice call	
	Bluetooth	Bluetooth 5.1	
	GNSS	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna	
	WWAN	2G:GSM850/GSM900/DCS1800/PCS1900	
		3G: CDMAEVDO: BC0 WCDMA: 850/900/1700/1900/2100 MHz TD-SCDMA: A/F (B34/B39)	
Data Collection	Camera	Rear Camera	Rear 13 MP Autofocus with flash
	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 Scanner	Zebra: SE4710/SE4750/SE4850/SE5500/SE5800 Honeywell: N6603/N6803FR 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.

Developing Environment	Operating System	Android 13
	SDK	Chainway Software Development Kit
	Language	Java
	Tool	Eclipse / Android Studio
User Environment	Operating Temp.	-22°F to 122°F/-30°C to 50°C
	Storage Temp.	-40°F to 158°F/-40°C to 70°C
	Humidity	5% RH to 95% RH (non condensing)
	Drop Specification	Passed 1.5-meter (4.92 ft) drop test compliant with MIL-STD-810 Hmilitary standard
	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
Accessories	Standard	Power adapter, USB cable, Wrist Strap, lanyard;
	Optional	Separate handle with one button;Charging Cradle; Handle + battery (handle battery 5000 mAh, one button)

* C63 models being manufactured for the Indonesian Market, do not include Voice Call (Phone Call) function. WAN module included on those models only support DATA transfer.

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Notice: Product specifications are subject to change without
prior notice. | Model: C63 | Version: V2.0