

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.



27 Keys



37 Keys



47 Keys



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)		
4G: B1,B2,B3,B4,B5,B7,B8,B12,B13,B17,B28,B38,B39,B40,B41				
*C63 models being manufactured for Turkish Market, do not include WWAN and SIM slot option.				
Data Collection	Camera	Rear Camera	Rear 13 MP Autofocus with flash	
		Frequency	13.56 MHZ	
	NFC	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)

CHAINWAY

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