

# C63-Cold

## Mobile Computer



The Chainway C63 cold storage mobile computer is a newly launched rugged smart handheld computer purpose-built for cold chain applications. It features an active heating system for both the display and the scan window. The heated display ensures optimal visibility and responsive touch performance in low-temperature environments, while the heated scan window quickly eliminates condensation caused by sudden temperature changes, improving scanning efficiency. Equipped with a dedicated 5.600mAh cold-resistant battery, the C63 cold storage mobile computer delivers reliable power and extended operation time in freezing conditions, enhancing productivity and operational efficiency in cold storage management, refrigerated transportation, medical cold chain, and food processing scenarios.



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	5600 mAh removable main battery, 5000 mAh optional pistol battery, support QC3.0 and RTC; Pistol battery with meter
	Display	4-inch high definition display, 800 * 480
	Touch Panel	Multi-touch panel, gloves and wet hands supported
	Sensor	Accelerometer sensor, light sensor, proximity sensor, gravity sensor gyroscope sensor, geomagnetic sensor
	Active Heating	Heated Display Heated Scan Window
	Notification	Sound, LED indicator, vibrator
	Audio	1 microphone for noise cancellation; 1 speaker; 1 receiver

<b>Physical Characteristics</b>	<b>Card slot</b>	1 slot for Micro SIM card, 1 slot for TF card		
	<b>Interfaces</b>	USB Type-C, USB 3.1, OTG, extended thimble		
<b>Performance</b>	<b>CPU</b>	Octa-core, 2.0 GHz		
	<b>RAM+ROM</b>	UFS , 4GB +64GB / 6GB +128GB (optional)		
	<b>Expansion</b>	Supports up to 256GB Micro SD (TF) card		
<b>Communication</b>	<b>WLAN</b>	Support 802.11 a/b/g/n/ac/ax-ready, Support Fast roaming		
	<b>Vo-LTE</b>	Support Vo-LTE HD video voice call		
	<b>Bluetooth</b>	Bluetooth 5.0		
	<b>GNSS</b>	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna		
	<b>WWAN</b>	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,B20,B28,B38,B39,B40,B41				
<b>Data Collection</b>	<b>Camera</b>	Rear Camera	Rear 13 MP Autofocus with flash	
	<b>NFC</b>	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	
	<b>Barcode Scanning (optional)</b>	2D Scanner	Zebra: SE4710/SE55; Honeywell: N6603/N6703; 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.	
<b>Developing Environment</b>	<b>Operating System</b>	Android 13		
	<b>SDK</b>	Chainway Software Development Kit		
	<b>Language</b>	Java		
	<b>Tool</b>	Eclipse / Android Studio		
<b>User Environment</b>	<b>Operating Temp.</b>	-22°F to 122°F / -30°C to 50°C		
	<b>Storage Temp.</b>	-40°F to 158°F / -40°C to 70°C		
	<b>Humidity</b>	5% RH to 95% RH (non condensing)		
	<b>Drop Specification</b>	Passed 1.5-meter (4.92 ft) drop test compliant with MIL-STD-810 Hmilitary standard		
	<b>Tumble Specification</b>	1000 x 0.5 m /1.64 ft. falls at room temperature		
	<b>Sealing</b>	IP67 per IEC sealing specifications		
	<b>ESD</b>	+15 KV air discharge, +8 KV conductive discharge		
<b>Accessories</b>	<b>Standard</b>	Power adapter, USB cable, Wrist Strap, lanyard;		
	<b>Optional</b>	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-Cold | Version: V2.0