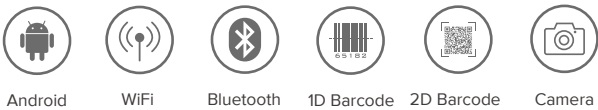




# C66

## Mobile Computer



The rugged Wi-Fi only C66 is a Mobile Computer with enhanced Wi-Fi specialized in indoor applications. The mobile computer is not only equipped with advanced features of C66 series such as Android 11 operating system, Qualcomm Snapdragon™662 processor, large 5.5" display, large capacity removable battery, optional high-performance barcode reader, but also WiFi-6-ready with enhanced performance, which allows higher data throughput and security for complex and challenging indoor scenarios such as large-scale retail, logistics, and warehousing applications.



# Specification

## Physical Characteristics

<b>Dimensions</b>	160.0 x 76.0 x 15.5 mm / 6.3 x 2.99 x 0.61 in.
<b>Weight</b>	287g / 10.12 oz.(device with battery)
<b>Keypad</b>	1 power key, 2 scan keys, 2 volume keys
<b>Battery</b>	Removable main battery 4420 mAh; support RTC Standby: up to 490 hours (only main battery ; WiFi: up to 470h) Continuous use: over 12 hours (depending on user environment) Charging time: 2.5 hours (charge device by standard adaptor and USB cable)
<b>Display</b>	5.5-inch high definition display (18:9), IPS IGZO 1440 x 720
<b>Touch Panel</b>	Multi-touch panel, gloves and wet hands supported
<b>Sensor</b>	Accelerometer sensor, light sensor, proximity sensor, gravity sensor
<b>Notification</b>	Sound, LED indicator, vibrator
<b>Audio</b>	2 microphones, 1 for noise cancellation; 1 speaker; receiver
<b>Card slot</b>	1 slot for TF card
<b>Interfaces</b>	USB Type-C, USB 2.0, OTG, extended thimble

## Performance

<b>CPU</b>	Qualcomm Snapdragon™ 662 Octa-core, 2.0 GHz
<b>RAM+ROM</b>	3 GB + 32 GB / 4 GB + 64 GB
<b>Expansion</b>	Supports up to 128 GB Micro SD card

## Developing Environment

<b>Operating System</b>	Android 11; GMS, 90-day security updates, Android Enterprise Recommended, Zero-Touch, FOTA, Soti MobiControl, SafeUEM supported. Committed support for a future upgrade to Android 12, 13, and Android 14 pending feasibility
<b>SDK</b>	Chainway Software Development Kit
<b>Language</b>	Java
<b>Tool</b>	Eclipse / Android Studio

## User Environment

<b>Operating Temp.</b>	-4°F to 122°F / -20 °C to +50 °C
<b>Storage Temp.</b>	-40°F to 158°F / -40 °C to +70 °C
<b>Humidity</b>	5% RH - 95% RH non condensing
<b>Drop Specification</b>	Multiple 1.8 m / 5.91 ft. drops (at least 20 times) to the concrete across the operating temperature range Multiple 2.4 m / 7.87 ft. drops (at least 20 times) to the concrete after installed rubber bumper
<b>Tumble Specification</b>	1000 x 0.5 m / 1.64 ft. falls at room temperature
<b>Sealing</b>	IP65 per IEC sealing specifications
<b>ESD</b>	±15 KV air discharge, ±8 KV conductive discharge

## Communication

<b>Bluetooth</b>	Bluetooth 5.1
	Support 802.11 a/b/g/n/ac/ax-ready/d/e/h/i/k/r/v, 2.4G/5G dual-band, IPV4, IPV6, 5G PA
	Fast roaming: PMKID caching, 802.11r, OKC
<b>WLAN</b>	Operating Channels: 2.4G(channel 1~13), 5G(channel36,40,44,48,52,56,60,64,100,104,108,112,116,120,124,128,132,136,140,144,149,153,157,161,165), Depends on local regulations
	Security and Encryption: WEP, WPA/WPA2-PSK(TKIP and AES), WAPI-PSK—EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS,PEAP-GTC,etc.

## Data Collection

<b>Camera</b>	
<b>Rear Camera</b>	Rear 13MP Autofocus with flash

## Barcode Scanning (Optional)

<b>2D Scanner</b>	Zebra: SE4710/SE2100, Honeywell: N6603
<b>1D Symbologies</b>	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
<b>2D Symbologies</b>	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.

## Optional accessories(See details in Accessory Guide)

Wrist Strap; Rubber Bumper; Charging Cradle

Notice: Product specifications are subject to change without prior notice. / Model: C66 / Update Date: 2022-11-24

**CHAINWAY®**

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