RFO CW95
Smart 1D/2D
NFC PDA

Product Description

Main Features

RFO-CW95 is a new high-performance and highly durable mobile computer. With Android 12 operating system, high-performance octa-core processor, optional large memory, 5.5-inch HD screen, 5000mAh removable battery, the excellent configuration delivers highly efficient operation.

It supports optional barcode scanning, NFC, front and rear cameras, and features IP68 protection rating, 1.5 meters drop resistance.

This device perfectly adapts to applications for retail, logistics, warehousing, electricity, finance, transportation, manufacturing, etc.

Product pictures

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Typical Applications

•Manufacturing	•Health Care	•Service Maintenance & Diagnostics
•Security	•Asset management	•Automotive
•Waste management	•Food	•Retail & POS
•Logistics	•Transportation	•Home Automation

Technical Specifications	RFO CW95
Platform	
CPU	Octa-core, 2.0 GHz
Memory RAM+ROM	3 GB + 32 GB / 2 GB + 16 GB
Operating System	Android 12
Expansion	Supports up to 128 GB Micro SD card
Expansion slots	1 slot for SIM card, 1 slot for SIM or TF card
Physical Charateristics	
Dimensions	160.0 x 75.0 x 16.4mm / 6.30 x 2.95 x 0.65in.
Weight	288g/ 10.16oz (incl. Battery)
Touch Panel	Multi-touch panel, gloves and wet hands supported
Display	5.5" , 1440 x 720
Power	Li-ion, rechargeable, 5000mAh, support quick charge
Sensors	Light sensor, proximity sensor, gravity sensor
Keypad	Power key, 2 scan keys, volume (+/-) keys
Audio	2 microphones, 1 for noise cancellation; 2 speakers; receiver
Scanning & Communications	
Barcode reader 1D/2D	1D/2D : CM60
Camera Front / Rear	5.0MP / 13MP auto focus camera with LED flash
Communications	USB Type-C, USB 2.0, OTG
RFID (HF) / NFC (optional)	13.56MHz : ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Read range	Reading Range 2 - 4cm
Wireless	
WLAN	IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, 5G PA
WPAN	Bluetooth 5.0
WWAN (optional)	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 (B38 / B39 / B40 / B41)
Vo-LTE	Supported
GPS (optional)	GPS/AGPS, GLONASS, BeiDou, Galileo
Accessories	
Others	Single slot cradle
	Holster
	Adaptor, Screen protector, etc.
Environment	
Operating Temperature	-4oF to 122oF / -20oC to 50oC
Storage Temperature	-40oF to 158oF / -40oC to 70oC
Humidity	5% - 95% non-condencing
Drop	Multiple 1.5 m / 4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Rain & Dust protection	Host IP68 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge
Approvals	CE, RoHs, KTL Drop Test 1.5m

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