







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 octacore 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**









Article no:	Standar	d RFO CW95
Typical Applications		
Manufacturing	•Health Care	Service Maintenance & Diagnostics
•Security	<ul> <li>Asset management</li> </ul>	•Automotive
•Waste management	•Food	•Retail & POS
•Logistics	<ul> <li>Transportation</li> </ul>	•Home Automation





Platform	Technical Specifications	RFO CW95	
Memory RAM-ROM   3 GB + 2 GB / 2 GB + 16 GB	Platform		
Android 12	CPU	Octa-core, 2.0 GHz	
Expansion   Supports up to 128 GB Micro SD Card   Expansion slots	Memory RAM+ROM	3 GB + 32 GB / 2 GB + 16 GB	
Separation stots	Operating System	Android 12	
Physical Charateristics	Expansion		
Dimensions		1 slot for SIM card, 1 slot for SIM or TF card	
Very	Physical Charateristics		
Multi-touch panel, gloves and wet hands supported	Dimensions		
Display    S.5.*, 1.44.0 x720   Dever	Weight		
Description			
Light sensor, gravity sensor   Sensor   Power key, 2 scan keys, volume (4/) keys	Display	•	
Power key, 2 scan keys, volume (4/-) keys	Power		
2 microphones, 1 for noise cancellation; 2 speakers; receiver			
Scanning & Communications   ID/2D : CM60   Camera Front / Rear   5.0MP / 13MP auto focus camera with LED flash   Communications   USB Type-C, USB 2.0, OTG   String of the property   String of th			
Barcode reader 1D/2D		2 microphones, 1 for noise cancellation; 2 speakers; receiver	
Camera Front / Rear	Scanning & Communications		
USB Type-C, USB 2.0, OTG	Barcode reader 1D/2D	1D/2D : CM60	
USB Type-C, USB 2.0, OTG	Camera Front / Rear	5.0MP / 13MP auto focus camera with LED flash	
RFID (HF) / NFC (optional)	Communications		
M1 card (S50, S70), CPU card, NFC tags, etc.	REID (HE) / NEC (ontional)		
Reading Range   Reading Range 2 - 4cm			
Wireless         IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, 5G PA           WILAN         IBLeteout 5.0           WWAN (optional)         2G: GSM (Bz / B3 / B5 / B8)           WWAN (optional)         2G: GSM (Bz / B3 / B5 / B8)           WWAN (optional)         4G: FDD-LTE (B1 / B2 / B3 / B4 / B5 / B7 / B3 / B12 / B17 / B20 / B28A / B28B) TDD-LTE (B1 / B2 / B3 / B4 / B5 / B7 / B3 / B12 / B17 / B20 / B28A / B28B) TDD-LTE (B3 / B3 / B39 / B40 / B41)           Vo-LTE         Supported           GPS (optional)         GPS/AGPS, GLONASS, BeiDou, Galileo           Accessories         Single slot cradle           Others         Single slot cradle           Holster         Adaptor, Screen protector, etc.           Environment         - 40F to 1220F / -200C to 500C           Storage Temperature         - 40F to 1230F / -400C to 700C           Humidity         5% - 95% non-condencing           Multiple 1.5 m / 4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range           Drop         question 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         415 KV air discharge, 48 KV conductive discharge           CE, RoHs, KTL Drop Test 1.5m	· ·		
IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, 5G PA		Reading Range 2 - 4cm	
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)			
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)	WWAN (optional)		
B28B) TDD-LTE (B38 / B39 / B40 / B41)  Vo-LTE GPS (optional) GPS (optional) Accessories  Others  Single slot cradle Holster Adaptor, Screen protector, etc.  Environment  Operating Temperature 4-40F to 1220F / -200C to 500C Storage Temperature 4-40F to 1580F / -400C to 700C Humidity 5% - 95% non-condencing 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 415 KV air discharge, ±8 KV conductive discharge Approvals  RFO-CW95		, , , , , , , , , , , , , , , , , , , ,	
Vo-LTE GPS (optional) GPS/AGPS, GLONASS, BeiDou, Galileo  Accessories  Others  Single slot cradle Holster Adaptor, Screen protector, etc.  Environment  Operating Temperature  -40F to 1220F / -200C to 500C Storage Temperature  -40F to 1580F / -400C to 700C Humidity  Multiple 1.5 m / -4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range  Tumble Specification Rain & Dust protection  ESD  -20		, ·	
GPS (optional)  Accessories  Others  Single slot cradle Holster Adaptor, Screen protector, etc.  Environment  Operating Temperature  Operating Temperature  -40F to 1220F / -200C to 500C Storage Temperature  -40F to 1880F / -400C to 700C Humidity  Multiple 1.5 m / 4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range  Tumble Specification  Rain & Dust protection  ESD  -40F to 1880F / -400C to 700C  House 1980F in 19		· · · · · · · · · · · · · · · · · · ·	
Accessories Others  Single slot cradle Holster Adaptor, Screen protector, etc.  Environment Operating Temperature  -40F to 1220F / -200C to 500C Storage Temperature  -400F to 1580F / -400C to 700C Humidity  5% - 95% non-condencing 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 4:15 KV air discharge, ±8 KV conductive discharge Approvals  CE, RoHs, KTL Drop Test 1.5m  RFO-CW95			
Others    Single slot cradle   Holster   Adaptor, Screen protector, etc.	7	GPS/AGPS, GLONASS, BeiDou, Galileo	
Holster Adaptor, Screen protector, etc.  Environment  Operating Temperature  -40F to 1220F / -200C to 500C Storage Temperature  -40F to 1580F / -400C to 700C Humidity  5% - 95% non-condencing 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  ESD  415 KV air discharge, ±8 KV conductive discharge Approvals  CE, RoHs, KTL Drop Test 1.5m			
Adaptor, Screen protector, etc.  Environment  Operating Temperature  -40F to 1220F / -20oC to 50oC  Storage Temperature  -400F to 1580F / -40oC to 70oC  Humidity  5% - 95% non-condencing  Multiple 1.5 m / 4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range  Tumble Specification  Rain & Dust protection  Host IP68 per IEC sealing specifications  ESD  415 KV air discharge, ±8 KV conductive discharge  Approvals  CE, RoHs, KTL Drop Test 1.5m	Others	- v	
Environment Operating Temperature Storage Temperature Humidity 55% - 95% non-condencing Multiple 1.5 m / 4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range Tumble Specification Rain & Dust protection ESD Host RV air discharge, ±8 KV conductive discharge Approvals  ERD FRO-CW95			
Operating Temperature Storage Temperature 4-40F to 1220F / -200C to 500C Storage Temperature 4-40F to 1580F / -400C to 700C Humidity 5% - 95% non-condencing 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 415 KV air discharge, ±8 KV conductive discharge Approvals CE, RoHs, KTL Drop Test 1.5m	F	Adaptor, Screen protector, etc.	
Storage Temperature  -40oF to 158oF / -40oC to 70oC  Humidity  5% - 95% non-condencing  Multiple 1.5 m / 4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range Tumble Specification  Rain & Dust protection  ESD  4100 x 0.5 m / 1.64 ft. falls at room temperature  Host IP68 per IEC sealing specifications  ESD  415 KV air discharge, ±8 KV conductive discharge  Approvals  CE, RoHs, KTL Drop Test 1.5m  RFO-CW95		L 4 5 4 400 5 4 00 0 4 50 0	
Humidity  5% - 95% non-condencing  Multiple 1.5 m / 4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range  Tumble Specification  Rain & Dust protection  ESD  415 KV air discharge, ±8 KV conductive discharge  Approvals  CE, RoHs, KTL Drop Test 1.5m  RFO-CW95			
Multiple 1.5 m / 4.9 ft. drops (at least 28 times) to the concrete across the operating temperature range  Tumble Specification			
Drop 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	Humidity		
Tumble Specification Rain & Dust protection Host IP68 per IEC sealing specifications ESD 415 KV air discharge, ±8 KV conductive discharge Approvals  CE, RoHs, KTL Drop Test 1.5m	_		
Rain & Dust protection  Host IP68 per IEC sealing specifications  ±15 KV air discharge, ±8 KV conductive discharge  CE, RoHs, KTL Drop Test 1.5m   RFO-CW95			
Approvals  ±15 KV air discharge, ±8 KV conductive discharge CE, RoHs, KTL Drop Test 1.5m  RFO-CW95			
Approvals  CE, RoHs, KTL Drop Test 1.5m  RFO-CW95			
RFO-CW95			
RFO-CW95	Approvals	CE, RoHs, KTL Drop Test 1.5m	
Standard		RFO-CW95	
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