



RFO X2 RFID (LF/HF/NFC/UHF) 4.7" display Auto-ID & RFID Handheld

Product Description (partially optional)

Main Features

Industrial extremely rugged PDA
IP65
MediaTek Helio P22 MT6762, 8 cores 2.0 GHz
4G/LTE, GSM/GPRS/EDGE, WLAN
4,7" Capacitive Multi-Touch Display

1D/2D barcode scanner (optional)
8 MPixel auto focus camera & flash
A-GPS receiver with integrated antenna (optional)
Standard Power Pack 3.600mAh battery
Android 11 (GMS)
RFID LF, HF/NFC, UHF (optional)

Product pictures Optional RFID LF (125- 134,2kHz) / HF/NFC (13,56 MHz) / UHF (868-925MHz)



Article no:

RFO X2 RFID

Typical Applications

- Manufacturing
- Security
- Waste management
- Logistics

- Health Care
- Asset management
- Food
- Transportation

- Service Maintenance & Diagnostics
- Automotive
- Retail & POS
- Home Automation

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Technical Specifications	RFO X2 RFID
Platform	
CPU	MediaTek Helio P22 MT6762, 8 cores 2.0 GHz
Operating System	Android 11 (GMS)
Graphic	IMG PowerVR GE8320
Performance Charateristics	
Memory	4 GB / 64 GB
Connectors	Micro USB 2.0, OTG Docking connector Back connector for expandability 3.5mm headphone jack 1x micro SDXC (256GB) 1x micro SIM
Physical Charateristics	
Dimensions (mm)	150 mm x 73 mm x 16 mm (5.9" x 2.9" x 0.6")
Weight	230 g (8.11 oz)
Buttons front & side	Home, task manager, scan, return 2x FN, volume up/down, power
Battery	Standard 3.8V 3600 mAh (13.68Wh) Field replaceable Extended 3.8V 7200 mAh (27.36Wh) Field replaceable
Display (Touch)	4.7" capacitive multi-touch 1280x720 pixels Sunlight readable Glove/rain mode Corning® Gorilla® Glass
Sound & Mic	Audio Rear-facing speaker Microphone
Scanning & Communications	
Camera	Rear 8 megapixel with autofocus and flash
RFID (in Backpack optional)	
UHF	860-960MHz ISO18000-6C/EPC Gen 2
HF / NFC	13.56 MHz, ISO14443A/B, 15693, 18000-4
LF	125kHz / 134.2 kHz (FDX/HDX*)
Wireless	
WLAN (optional)	2.4 GHz + 5 GHz 802.11 a/b/g/n/r/ac
WPAN (optional)	BT 5.0 LE
WWAN (optional)	2G (850,900,1800,1900), 3G (1,2,5,8) 4G/LTE (1,3,7,8,20,34,38,39,40,41)
GPS (optional)	GPS/AGPS/GLONASS/Galileo/BEIDOU
Sensors	Accelerometer, Vibration, Proximity, Ambient light
Accessories	
Cradle	Desktop charger Vehicle cradle
Others	Leather case, Sync cable, Hand strap, Stylus pen, Adaptor, Screen protector, etc.
Environment	
Operating Temperature	-20°C to 60°C (-4°F to 140°F) MIL-STD-810G, Method 501.5 Procedure II
Storage Temperature	-40°C to 60°C (-40°F to 140°F) MIL-STD-810G, Method 501.5/502.5 Procedure I
Humidity	0% - 95% non-condensing
Drop	Multi-drop resistance to concrete from 1.5m26 drops from 1.2 m (4 ft) MIL-STD-810G, Method 516.6 Procedure IV
Rain & Dust protection	IP65, IEC 60529
Approvals	CE, RoHS

*under development

Technical Specifications

RFO X2 with RFID Options



RFO X2 with RFID
LF 125 - 134,2kHz
HF/NFC 13,56 MHz
UHF 860-960MHz

Reader/Antenna
integrated in the Backpack

Technical Specifications

RFO X2 Accessories

