



RFO X6 PRO RFID (LF/HF/NFC) 6" display Auto-ID & RFID Handheld

DATA SHEET

Product Description (partially optional)

Main Features

The RFO-X6PRO is the ultra rugged 5G Android phablet. If you could take the high-visibility functionality of a tablet and the go-anywhere performance of a rugged handheld and combine them, you'd end up with one device that could take you through your workday with ease. Fortunately for you, this state-of-the-art solution already exists: it's the RFO-X6PRO 5G ultra-rugged Android phablet.

- > Small profile, big impact
- > Real-world capabilities in the rugged world
- > Designed specifically for outdoor work
- > Android 14 and GMS
- > Rugged accessories for efficiency

Product pictures



Article no:		RFO X6 PRO
Typical Applications		
•Manufacturing •Security •Waste management •Logistics	•Health Care •Asset management •Food •Transportation	•Service Maintenance & Diagnostics •Automotive •Retail & POS •Home Automation

Contact:

infos@radioforce.net
www.radioforce.net



Technical Specifications	RFO X6 PRO
Platform	
CPU	Qualcomm® QCM4490 Octa-Core, 2 x Gold A78@2,4 GHz, 6 x Silver A55@2,0 GHz
Operating System	Android 14 (GMS)
Performance Charateristics	
Memory RAM	8 GB / 128 GB
Connectors	Type-C, Qualcomm quick charge 3.1, OTG Back connector for expandability 1x micro SDXC (supports SDXC up to 1TB) 2x Nano-SIM (DSDS)
Physical Charateristics	
Dimensions (mm)	194 x 93 x 15 mm
Weight	390 g
Buttons front & side	Front: F1, F2, F3, Power Side: FN, Volume up/down
Battery	3.8V 8000 mAh (30.4 Wh), field replaceable
Display (Touch)	6" IPS capacitive multi-touch (10 points) 1080 × 1920 pixels Sunlight readable Glove/rain mode Corning® Gorilla® Glass 3
Audio	Headphone support via Type-C Front-facing speaker, >95dB at 1 kHz, 10 cm 2 microphones for noise suppression
Scanning & Communications	
Camera (front)	8 megapixel
Camera (back side)	32 megapixel, double white LED flash
RFID (in Backpack optional)	
HF / NFC	NFC 13.56 MHz, work distance ≥ 3cm support ISO/ 14443 A/B, ISO/ 15693, NFC- IP1, NFC-IP2 M1 Card(S50, S70) , CPU Card, NFC Label
LF	available soon
Wireless	
WLAN	IEEE 802.11 a/b/g/n/ac/ax (2.4 & 5 GHz, WiFi 6E)
WWAN	GSM: 850/900/1800/1900 WCDMA:B1/B2/B5/B8 LTE-TDD:B38/39/40/41 LTE-FDD: B1/2/3/4/5/7/8/12/13/14/17/20/25/26/28/48/66/71 5G: FR1 N1/2/3/5/20/28/41/48/66/71/77/78/79
PAN	BT V5.2 BLE
GPS	A-GPS / GPS L1+L5 / GLONASS / Galileo / Beidou / Qualcomm
Sensors	Gyroscope, Compass, Accelerometer, Pressure, Proximity, Ambient light
Environment	
Operating Temperature	-20°C to 60°C (MIL-STD-810G, Method 501.5/502.5 Procedure II)
Storage Temperature	-40°C to 70°C (MIL-STD-810G, Method 501.5/502.5 Procedure I)
Humidity	0%~95% (non-condensing) MIL-STD-810G, Method 507.5 Procedure II
Drop	6 drops from 1.5m, concrete surface IEC 68-2-32:1990
Vibration & Mechanical shock	MIL-STD-810H:2019 Method 514.8 / Procedure I MIL-STD-810H:2019 Method 516.8 / Procedure I
Sand, Dust & Water	IP68, IEC 60529
Altitude	4572 m (15 000 ft.) MIL-STD-810G, Method 500.5 Procedures I & II
EMC/EMI	MIL-STD-461F: CE101, CE102, CS101, CS114, CS115, CS116, RE101, RE102, RS101, RS103
Approvals	FCC, IC, RCM, CE (RED), RoHC 2.0, REACH, WEEE

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Accessories		RFO X6PRO	
			
Active Stylus pen	Car Charger	Memory Card 64 GB	Alternate passive Cradle
			
Barcode scanner expansion	Carry Case with belt clip	Cart Mount	
			
4-slot charging station	Handstrap	Passive cradle	Pole mount
			
RTK Expansion	Screen protector	2-slot battery charger	Vehicle dock incl. 12V
			
Vehicle dock incl. hardwire kit	Wrist Mount	Passive Capacitive Pen	
			
Pole mount quick release	Suction Mount	SB Type-C cable	Fast Charger UK/AU & EU

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