

# RUGGED HANDHELD RPX 620



5.5"



Intelligent devices with built-in barcode scanner and UHF RFID shall satisfy industrial projects with reading distance from 2 to 18 meters.



Android 10  
4GB Ram, 64GB Storage  
WiFi, Bluetooth, 4G LTE  
UHF RFID  
1D/2D Barcode scanner  
Pistol Grip

Model	RPX 620	
Operating System	Android 10	support Google play service
Computing Platform	MediaTek MT6771	8 Cores, up to 2.00GHz
System Memory	4GB	
Storage	64GB SSD	
Graphic	ARM Mali-G72	
Display	5.5 inch	IPS technology
Resolution	720 x 1440	Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive multi-touch	User selectable by finger, pen and glove
Bluetooth	Bluetooth 4.2 wireless technology	
Wireless	IEEE 802.11a/b/g/n/ac compatible	2.4GHz and 5.0GHz, Dual Band support
Cellular network	4G LTE	Voice and data
Location	Built-in GPS, GLONASS, Galileo, BeiDou	A-GPS support
Sensors	Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor	
Audio	Mono Speaker	
Camera	5MP front, 13MP rear	AutoFocus and Flash rear camera
Keyboard	Power button, Volume control, Barcode scanner, 3-button Android navigation	
Interfaces	USB 2.0	x1 Type-C, support OTG
	Micro SD Memory Card Slot	x1
	SIM Card	x1
	Charging - DC In power	by USB port
	Docking connector	x1
	Built-in Barcode reader	1D and 2D barcode support
	Built-in UHF RFID	865/868MHz or 920/925MHz, ISO 18000-6C
Expansion Slots *	Built-in UHF RFID by Pistol Grip	R/W range up to 18mt
	Built-in NFC reader	13.56MHz, ISO 14443/15693 cards
Security *	PSAM Card	ISO 7816 cards
Power	Built-in rechargeable lithium-ion battery	4800mAh
		End-user replaceable battery
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 2A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	Height 166mm, Width 79mm, Depth 18mm	
Weight	approx.400g	
Environment **	Display	Corning Gorilla Glass
	Touch screen	7H anti-scratch surface
	Drop Resistance	1.22m
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Operating Temperature	-20 °C to 60 °C
	Humidity	0% to 90% relative humidity, non-condensing
	Vibration & Shock	In accordance with MIL-STD-810G
Regulatory	CE, MIL-STD-810G, WEEE, RoHS	
Ordering Code	RPX 620, 4GB RAM, 64GB SSD, Barcode, UHF (2mt), OS Android	
	RPX 610, 4GB RAM, 64GB SSD, Barcode, UHF by Pistol Grip (18mt), OS Android	
Included in the box	Hand holder, Power Adapter, Cables, Quick User Guide, Warranty document	
Accessories *	User replaceable anti-glare screen protector, Capacitive Pen with soft rubber, Office Docking with Battery Charger, Power Adapter for Vehicle, Spare Battery, Carrying Case.	

[www.ruggtek.com](http://www.ruggtek.com)

\* Optional

\*\* Tested by an independent third-party lab following CE, MIL-STD-810G and IEC 60529.

New! the product will be available from Q1 - 2022.

Specifications given herein may be changed at any time without any notice.

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