RUGGTEK
RUGGED MOBILE COMPUTER

HANDHELD RPX 620

5.5"

The slim, pocket-sized RFID reader Terminal
designed for professional use.

Android 10
4GB Ram, 64GB Storage
Wireless & Bluetooth
High resolution camera
UHF RFID
Cellular Network

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Model	Handhelds X6	
Operating System	Android 10	support Google play store and services
Computing Platform	MediaTek MT6771	8 Cores, up to 2.00GHz
System Memory	4GB	
Storage	64GB	
Graphic	ARM Mali-G72	
Display	5.5 inch	IPS technology, 400nits
Resolution	720 x 1440	HD+ resolution display, 18:9
		Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive	Multi-touch by finger and pen
Bluetooth	Bluetooth 4.2 wireless technology	Class 2
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 GNSS	Support GPS, Glonass and Assisted GPS
Sensors	Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor	
Audio	Mono Speaker	
Camera	13MP rear (and 5MP front ***)	Flash and Auto focus rear camera
Keyboard	Power button, Volume control, 2 barcode scanner buttons (and 3-buttons Android navigation)	
Interfaces	USB port	x1 Type-C, support OTG
	SIM Card Slot	x1
	SD Memory Card Slot	x1
	Charging - DC In power	by USB port
	Docking connector	x1
	Built-in UHF RFID	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C
Expansion Slots *	Built-in Barcode scanner	1D and 2D barcode support
	Built-in NFC reader	ISO 14443-A/B, ISO 15693
Security ***	PSAM Card Slot	
Power	Built-in rechargeable lithium-ion battery	5200mAh, ample power for a full shift
		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 165mm, Width 79mm, Depth 27mm	
Weight	approx.370g	
Environment **	Operating Temperature	-20 °C to 60 °C
	Humidity	0% to 90% relative humidity, non-condensing
	Dust Resistance	IP6x
	Water Resistance	IPx5
Regulatory	CE, WEEE, RoHS	
Ordering Code	RPX 620, 4GB RAM, 64GB SSD, UHF (2mt), OS Android	
	RPX 620-2D, 4GB RAM, 64GB SSD, Barcode and UHF (2mt), OS Android	
Included in the box	Hand strap, Power Adapter, Quick User Guide, Warranty document	
Accessories *	Tempered Glass hardness 9H for anti-shock and anti-scratch, Rubber-tipped Pen,	
	Spare Battery, Office Docking with Battery Charger,	
	Adapter for cigarette lighter socket, AC/DC Power Adapter, Carrying Case.	
Services *	Extended warranty up to 3 years, Battery protection, Accidental damage cover, Fast swapping.	

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* Optional
** Tested by an independent third-party lab following CE, MIL-STD-810G and IEC 60529.
*** Non-Standard Part, assembly by request. A minimum order quantity (MOQ) is required.