

# RUGGED PHONE RST 220



5.5"



Android Phone with octa-core CPU, dust and water resistant design protects from drops, vibrations, impact.



Android 11  
4GB Ram, 64GB Storage  
WiFi, Bluetooth, 4G LTE  
SOS emergency button  
IP68 waterproof  
Up to 10cm NFC read distance

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Model	Smartphone 220	
Operating System	Android 11	support Google play store and services
Computing Platform	MediaTek MT6765	8 Cores, up to 2.30GHz
System Memory	4GB	
Storage	64GB SSD	
Graphic	PowerVR GE8320	
Display	5.5 inch	IPS technology
Resolution	720 x 1520	Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive multi-touch	User selectable by finger, pen and glove
Bluetooth	Bluetooth 5.0 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 GPS, Glonass, Galileo, BeiDou	A-GPS support
Sensors	Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor	
Audio	Mono Speaker and Headphone	
Camera	5MP front, 13MP rear	AutoFocus and Flash rear camera
Keyboard	Power button, Volume up/down, SOS button	
Interfaces	USB port	x1 Type-C, support OTG
	SIM Card Slot	x1
	SD Memory Card Slot (or SIM Card Slot)	x1
	Charging - DC In power	by USB port
Expansion Slots *	Docking connector	x1
	Built-in NFC reader	13.56MHz
Power	Built-in rechargeable lithium-ion battery	4000mAh, ample power for a full shift
		Replaceable battery by Ruggtek authorised reseller
Cooling System	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 2A
Dimensions	Fanless design - No fan. No noise.	
Weight	Height 151mm, Width 73.4mm, Depth 12mm	
Environment **	approx.250g	
	Glass protection	7H anti-scratch and anti-shock surface
	Drop Resistance	1.22m
	Dust Resistance	IP6x
	Water Resistance	IPx8
	Operating Temperature	-10 °C to 50 °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	RST 220, 4GB RAM, 64GB SSD, OS Android	
Included in the box	Power Adapter, Cables, Quick User Guide, Warranty document	
Accessories *	User replaceable anti-glare screen protector, Rubber-tipped Pen, Adapter for cigarette lighter socket, AC/DC Power Adapter, Carrying Case.	

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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.

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

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