RUGGTEK
RUGGED MOBILE COMPUTER

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	
Graphic	PowerVR GE8320	
Display	5.5 inch	IPS technology, 400nits
Resolution	720 x 1520	Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive	Multi-touch by finger and pen
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 GNSS	Support GPS, Glonass, Galileo and Assisted GPS
Sensors	Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor	
Audio	Mono Speaker and Headphone	
Camera	5MP front, 13MP rear	Flash and Auto focus rear camera
Keyboard	Power button, Volume control, 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
	Docking connector	x1
Expansion Slots *	Built-in NFC reader	ISO 14443-A/B, ISO 15693
Power	Built-in rechargeable lithium-ion battery	4000mAh, ample power for a full shift
		Replaceable battery by Ruggtek authorised reseller
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 2A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	Height 151mm, Width 73.4mm, Depth 12mm	
Weight	approx.250g	
Environment **	Operating Temperature	-20 °C to 60 °C
	High & Low, Shock Temperature	in accordance with MIL-STD-810G
	Humidity	0% to 90% relative humidity, non-condensing
	Dust Resistance	IP6x
	Water Resistance	IPx8
	Drop Resistance	1.22m
	Solar Radiation, Altitude, Vibration and Shock	in accordance with MIL-STD-810G
Regulatory	CE, FCC, MIL-STD-810G, WEEE, RoHS	
Ordering Code	RST 220, 4GB RAM, 64GB SSD, OS Android	
Included in the box	Power Adapter, Quick User Guide, Warranty document	
Accessories *	Tempered Glass hardness 9H for anti-shock and anti-scratch, Rubber-tipped Pen,	
	Spare Battery, Carrying Case, Adapter for cigarette lighter socket, AC/DC Power Adapter.	
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.

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