

RUGGTEK

RUGGED MOBILE COMPUTER



- ✓ Display 5.5 inch
- ✓ 4GB Ram, 64GB Storage
- ✓ Long Life Battery
- ✓ Google Mobile Service
- ✓ Dust and Water Resistance
- ✓ European Warranty

RST 220

Water and drop-resistant
Android industrial smartphone

www.ruggtek.com



RUGGED MOBILE COMPUTER

Operating System	Android 13	support Google play store and services
Computing Platform	Unisoc T616	8 Cores, up to 1.95GHz
System Memory	4GB	
Storage	64GB	
Graphic Chip	ARM Mali-G57	
Display	5.5 inch	400nits brightness
Resolution	720 x 1520	Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive	Multi-touch by finger and pen
Wireless LAN	IEEE 802.11ac compatible	2.4GHz and 5.0GHz, Dual Band support
Bluetooth	Bluetooth 5.0 wireless technology	Class 2
Mobile Broadband	4G LTE	Call and Data
Location	Built-in GNSS	support GPS, BeiDou, and A-GPS
Audio	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	x1
	Charging - DC In power	x1 by USB Type-C
Optional Expansion *	Built-in HF RFID	NFC reader ISO 14443-A/B, Mifare Classic
Power	Lithium-ion battery, rechargeable	4070mAh, ample power for several days
		Replaceable by Ruggtek authorised reseller
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC
Dimensions	Height 151mm, Width 73.4mm, Depth 12mm	
Weight	approx.246g	
Environment	Operating Temperature	-20 °C to 60 °C in accordance with MIL-STD-810G
	Shock Temperature	in accordance with MIL-STD-810G
	Drop Resistant	1.22m
	Dust and Water Resistance	IP68
	Vibration and Shock	in accordance with MIL-STD-810G
Regulatory	CE, CCC, WEEE, RoHS, REACH	
Ordering Code	SMP-RST00220-0	4GB RAM, 64GB SSD, OS Android
Included in the box	Lanyard, Power Supply, User Guide, Warranty document.	
Accessories *	Screen Protector, Pen, Spare Battery, Cigarette lighter, Phone Belt Holder.	
Services *	Ruggtek Warranty, product guarantee up to 3 years.	
	Ruggtek Easy-Care, customer service agreements with accidental damage cover.	

(*) Optional

(#) 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.

The device is tested according to regulations by an independent third-party lab.

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