RUGGTEK
RUGGED MOBILE COMPUTER

RUGGED HANDHELD RP 550

5.5"

The PDA offer the intuitive operating system Windows 10 guaranteeing to the user an extraordinary experience and an interconnection at 4.0

Intel Quad-Core
Display 5.5" Full HD
WiFi, Bluetooth, 4G LTE
1D/2D Barcode scanner
Docking station
Windows 10 Professional (or IoT)

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Model	RP 550	
Operating System	Microsoft Windows 10 Professional (or Windows 10 IoT Enterprise *)	
Computing Platform	Intel Atom Z8350, Quad-Core 1.44 GHz	
System Memory	4GB	
Storage	64GB	
Graphic	Intel HD graphics, Dual Display	
Display	5.5"	Full HD, IPS display, Sunshine readable
Resolution	1080 x 1920	Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive multi-touch	User selectable by finger, pen, glove
Networking	-	
Bluetooth	Bluetooth v4.2	
Wireless	IEEE802.11 a/b/g/n/ac	2.4GHz & 5.0GHz dual-band support
Mobile Broadband	4G LTE	
GPS	GPS, Glonass, BeiDou and A-GPS support	
Sensors	Acceleration, Ambient light, Gravity	
Audio	Mono Speaker	
Camera	2M pixels front, 5M pixels rear	Auto focus rear camera
Keyboard	Power button, Volume control, Barcode scanner (and programmable buttons *)	
Interfaces	USB 3.0	x1 Type-A
	USB 2.0	x1 Micro USB
	Micro SD Memory Card Slot	x1
	SIM Card	x1
	DC In	x1
Expansion Slots	Built-in Barcode Reader	1D and 2D barcode support
	Built-in NFC RFID *	13.56MHz
Power	Battery	Lithium-Ion Dual Battery (5000mAh), Rechargeable
		User replaceable battery
	AC/DC Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 2.5A
Cooling System	Fanless design, without any fan inside and outside	
Dimensions	180mm[H] x 87mm[L] x 21.5mm[W]	
Weight	approx.350g	
Environment **	Display	Corning Gorilla Glass
	Touch screen	7H anti-scratch surface
	Drop Resistance	1.22m
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Operating Temperature	-10 °C to 50 °C
	Humidity	95% relative humidity, non-condensing
	Vibration & Shock	In accordance with MIL-STD-810G
Regulatory	CE, MIL-STD-810G, WEEE, RoHS	
Ordering Code	RP 550, 4GB RAM, 64GB SSD, Barcode, OS Windows	
Included in the box	Hand Strap, Power Supply, Cables, Quick User Guide, Warranty document	
Accessories *	Docking Station with Battery Charger, Vehicle Power Adapter 12-24VDC	
	User replaceable screen protector, Capacitive Pen with soft rubber	
	Battery Pack, Micro SD Memory Card	

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

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