RUGGTEK
RUGGED MOBILE COMPUTER

RUGGED HANDHELD RP 550

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 OS

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Model	RP 550	
Operating System	Microsoft Windows 10 Professional	Windows IOT Enterprise LTSC *
Computing Platform	Intel Atom x5-Z8350	4 Cores, up to 1.92GHz
System Memory	4GB	
Storage	64GB	
Graphic	Intel HD Graphics	
Display	5.5 inch	IPS technology, 500nits
Resolution	1080 x 1920	Full HD resolution display, 16:9
		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	Data
Location	Built-in GNSS	Support GPS, Glonass and Assisted GPS
Sensors	Ambient Light sensor, 3-axis Motion sensor	
Audio	Mono Speaker	
Camera	2MP front, 5MP rear	AutoFocus rear camera
Keyboard	Power button, Volume control, Barcode scanner button (and 4 programmable buttons by software)	
Interfaces	USB port	x1 Type-A and Micro USB
	SIM Card Slot	x1
	Charging - DC In power	x1 by Jack
	Docking connector	x1
	Built-in Barcode scanner	1D and 2D barcode support
Expansion Slots *	Built-in NFC reader	
Security	Trusted Platform Module (TPM) 2.0	
Power	Built-in rechargeable lithium-ion battery	5000mAh, ample power for a full shift
		End-user replaceable battery
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	Height 180mm, Width 87mm, Depth 21.5mm	
Weight	approx.360g	
Environment **	Operating Temperature	-10 ℃ to 50 ℃
	High & Low, Shock Temperature	in accordance with MIL-STD-810G
	Humidity	0% to 90% relative humidity, non-condensing
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Drop Resistance	1.22m
	Solar Radiation, Altitude, Vibration and 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 holder, 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, Carrying Case,	
	Adapter for cigarette lighter socket, AC/DC Power Adapter.	
Services *	Extended warranty, 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.