

# RUGGED HANDHELD RPL 550



Ubuntu, Fedora, openSUSE the popular and modern platforms  
on the handheld computer by Ruggtek.



4-core Processor  
Display 5.5" Full HD  
Ubuntu, open-source OS based on Debian  
Fedora by Red Hat for Enterprise Applications  
openSUSE for SAP Applications  
1D/2D Barcode Reader

[www.ruggtek.com](http://www.ruggtek.com)

Model	RPL 550	
Operating System	Linux Ubuntu 20.04.5 LTS	
Computing Platform	Intel x5-Z8350	4 Cores, up to 1.90GHz
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 orientation by software
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	-	
Sensors	-	Light sensor by software
Audio	Mono Speaker	
Camera	-	
Keyboard	Power button, Volume control, Barcode scanner button	
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 reader	1D and 2D barcode support
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 °C to 50 °C
	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	RPL 550, 4GB RAM, 64GB SSD, Barcode, OS Linux	
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.

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