

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

Model	RPL 550	
Operating System	Linux Ubuntu (or Fedora, openSUSE *)	OS Type 64-bit
Computing Platform	Intel Quad-Core 1.44 GHz	
System Memory	4GB	
Storage	64GB	
Graphic	Intel HD graphics	
Display	5.5"	Full HD, IPS display, Sunshine readable
Resolution	1080 x 1920	Portrait or Landscape orientation by software OS
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	UMTS, CDMA, GSM, GPRS	Data
GPS	-	
Sensors	-	
Audio	Mono Speaker	
Camera	-	
Keyboard	Power button, Barcode scanner (and programmable buttons *)	
Interfaces	USB	x1 Type-A, 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	RPL 550-U, 4GB RAM, 64GB SSD, OS Ubuntu 18.04 LTS	
	RPL 550-F, 4GB RAM, 64GB SSD, OS Fedora 32 Workstation *	
	RPL 550-S, 4GB RAM, 64GB SSD, OS openSUSE Leap 15.2 *	
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.

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