

RUGGED HANDHELD RP 610



Smart Terminal with barcode scanner and
Windows 11 to meet the transition industry 5.0



Windows 11
Display 6.5" Multi-Touch
8GB Ram, 128GB Storage
Wireless & Bluetooth
Cellular Network
1D/2D Barcode scanner

Model	RP 610	
Operating System	Microsoft Windows 11 Professional	Windows IoT Enterprise LTSC *
Computing Platform	Intel Celeron N5100	4 Cores, 4 Threads, up to 2.80GHz
System Memory	8GB	
Storage	128GB	
Graphic	Intel UHD Graphics	4K support
Display	6.5 inch	IPS technology, 500nits
Resolution	720 x 1600	HD+ resolution display
		Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive	Multi-touch by finger and pen
Bluetooth	Bluetooth 5.0 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	G sensor	
Audio	Mono Speaker	
Camera	5MP front, 8MP rear	Flash and Auto focus rear camera
Keyboard	Power button, Volume control, Barcode scanner button	
Interfaces	USB port	x2 Type-A and Type-C
	SIM Card Slot	x1
	Charging - DC In power	by USB port
	Docking connector	x1
	Built-in Barcode scanner	1D and 2D barcode support
Expansion Slots *	Built-in NFC reader	ISO 14443-A/B, ISO 15693
Security	Trusted Platform Module (TPM) 2.0	
Power	Built-in rechargeable lithium-ion battery	4000mAh, ample power for a half shift
		End-user replaceable battery
Cooling System	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
Dimensions	Heat pipes and Fan	Water & dust protected
Weight	Width 183mm, Height 88.6mm, Depth 24mm	
Environment **	approx.470g	
	Operating Temperature	-20 °C to 60 °C
	High & Low, Shock Temperature	in accordance with MIL-STD-810H
	Humidity	0% to 90% relative humidity, non-condensing
	Dust Resistance	IP6x
	Water Resistance	IPx7
	Drop Resistance	1.22m
	Solar Radiation, Altitude, Vibration and Shock	in accordance with MIL-STD-810H
Regulatory	CE, FCC, MIL-STD-810H, WEEE, RoHS	
Ordering Code	RP 610, 8GB RAM, 128GB SSD, Barcode, OS Windows	
Included in the box	Hand strap, 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, Adapter for cigarette lighter socket, AC/DC Power Adapter, Carrying Case.	
Services *	Extended warranty up to 3/5 years, Battery protection, Accidental damage cover, Fast swapping.	

www.ruggtek.com

* Optional

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

*** Non-Standard Part, assembly by request. A minimum order quantity (MOQ) is required.

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