

RUGGED TABLET RT 309



The Rugged Tablet PC, in pocket-size, built for fieldwork in the most challenging outdoor or industrial environments.



Windows 10 Pro/IoT
Intel Quad-Core
Display 8.1 inch 1920 x 1200
4GB Ram, 64GB Storage
NFC front reading
Wireless, Bluetooth, 4G LTE

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Model	RT 309	
Operating System	Microsoft Windows 10 Professional	Windows 10 IoT Enterprise on request *
Computing Platform	Intel Atom x5-Z8350	4 Cores, up to 1.92GHz
System Memory	4GB	
Storage	64GB SSD	
Graphic	Intel HD Graphics	Dual Display support
Display	8.1 inch	IPS technology (and Sunshine readable ***)
Resolution	1920 x 1200	2K resolution display, 16:10
		Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive multi-touch	User selectable by finger, pen and glove
Ethernet *	Gigabit Ethernet 1000Mbit/s	
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 GPS, GLONASS, BeiDou	A-GPS support
Sensors	Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor	
Audio	Mono Speaker and Headphone	
Camera	2MP front, 5MP rear	AutoFocus rear camera
Keyboard	Power button, Volume up/down, Barcode scanner (and 2 programmable buttons *)	
Interfaces	USB 2.0/3.0	x2 Type-A
	RJ45 ethernet port *	x1 special cable
	DB9 serial RS-232 *	x1 special cable
	HDMI	x1
	Micro SD Memory Card Slot	x1
	Micro SIM Card Slot	x1
	3.5mm Headphone jack	x1
	Charging - DC In power jack	x1
	Docking connector	x1
Expansion Slots *	Built-in Barcode reader	1D and 2D barcode support
	Built-in NFC reader	13.56MHz, front reading
	External GNSS connector	
	High precision GPS ***	
	UHF RFID ***	
Security	Trusted Platform Module (TPM) 2.0	
	Built-in Fingerprint reader *	up to 5 fingerprints stored
Power	Built-in rechargeable lithium-ion battery	7800mAh, ample power for a full shift
		Replaceable battery by Ruggtek authorised reseller
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	Width 234mm, Height 144mm, Depth 17mm	
Weight	approx.700g	
Environment **	Glass protection	>8H anti-scratch and anti-shock surface
	Drop Resistance	1.22m
	Dust Resistance	IP6x
	Water Resistance	IPx7
	Operating Temperature	-10 °C to 50 °C
	Humidity	0% to 90% relative humidity, non-condensing
	Vibration & Shock	In accordance with MIL-STD-810G
Regulatory	CE, MIL-STD-810G, WEEE, RoHS	
Ordering Code	RT 309, 4GB RAM, 64GB SSD, OS Windows	
Included in the box	Hand holder, Power Adapter, Cables, Quick User Guide, Warranty document	
Accessories *	User replaceable anti-glare screen protector, Rubber-tipped Pen, Office Docking, Vehicle Docking with combinations RAM and VESA holder, Power Adapter for Vehicle, Special cable for RJ45 port, Special cable for RS-232 port.	

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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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