

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 64-bit	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		
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 3.0	x1 Type-A	
	USB 2.0	x2 Type-A and Micro USB	
	RJ45 ethernet port *	x1	
	DB9 serial RS-232 *	x1	
	HDMI	x1	
	Micro SD Memory Card Slot	x1	
	SIM Card	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
		UHF RFID ***	
		External GNSS connector	
High precision GPS			
Security	Trusted Platform Module (TPM) 2.0		
	Built-in Fingerprint reader *	up to 5 fingerprints stored	
Power	Built-in rechargeable lithium-ion battery	7800mAh	
		Replaceable battery by Ruggtek authorised reseller Input: 100-240VAC, 50/60Hz, Output: 5VDC, 3A	
Cooling System	AC/DC Power Adapter		
Dimensions	Fanless design - No fan. No noise.		
Weight	Width 234mm, Height 144mm, Depth 17mm		
Environment **		approx.700g	
	Glass protection	>8H anti-scratch and anti-shock surface	
	Drop Resistance	1.22m	
	Dust Resistance	IP6x	
	Water Resistance	IPx5	
	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 Accessories *	Hand holder, Power Adapter, Cables, Quick User Guide, Warranty document		
	User replaceable anti-glare screen protector, Capacitive Pen with soft rubber,		
	Office Docking with Battery Charger, Rugged Docking for wall-mount,		
	Vehicle Docking, combinations RAM and VESA holder, Power Adapter for Vehicle, Shoulder strap, Bluetooth Keyboard, 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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