

# RUGGED TABLET RT 510



High Performance Rugged Tablet PC  
based on the latest Intel CPU 10<sup>th</sup> Generation, Amber Lake.



Intel Core i5  
Display 10.1" 1920 x 1200  
WiFi, Bluetooth, 4G LTE  
User-replaceable battery  
Windows 10 Pro/IoT

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Model	RT 510		
Operating System	Microsoft Windows 10 Professional (or Windows 10 IoT Enterprise *)		
Computing Platform	Intel Core i5-10210Y, Quad-Core 4.00 GHz		
System Memory	8GB		
Storage	256GB		
Graphic	Intel UHD graphics, Dual Display		
Display	10.1"	16:10, IPS display, 500nits, Sunshine readable	
Resolution	1920 x 1200	Portrait or Landscape, automatic screen rotation	
Touchscreen	Capacitive multi-touch	User selectable by finger, pen, glove and wet finger	
Networking	Gigabit Ethernet 10/100/1000 Mbit/s		
Bluetooth	Bluetooth v4.2 or above		
Wireless	IEEE802.11 ac or above	2.4GHz & 5.0GHz dual-band support	
Mobile Broadband	4G LTE (or 5G *)		
GPS	GPS, Glonass, BeiDou and A-GPS support		
Sensors	Accelerometer, Magnetometer, Orientation, Gyroscope, Light, Gravity		
Audio	Mono Speaker and Headphone jack		
Camera	5M pixels front, 13M pixels rear	Auto focus rear camera	
Keyboard	Power button, Volume control, Barcode scanner (and 2 programmable buttons *)		
Interfaces	USB 3.0	x2 Type-A	
	USB 2.0	x1 Micro USB	
	RJ-45 ethernet port	x1	
	DB9 serial RS-232	x1	
	HDMI	x1	
	Micro SD Memory Card Slot	x1	
	SIM Card	x1	
	Headphone	x1	
	DC In	x1	
	Expansion Slots *	Built-in Barcode Reader	1D and 2D barcode support
		Built-in NFC RFID	13.56MHz
		UHF RFID Reader	
		High precision GNSS	
Power	Battery	Lithium-Ion Battery, Rechargeable User replaceable battery	
	AC/DC Adapter	Input: 100-240VAC, 50/60Hz	
Cooling System	Fanless design, without any fan inside and outside		
Dimensions	275mm[W] x 178mm[L] x 18mm[H]		
Weight	approx.900g		
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	RT 510, 8GB RAM, 256GB SSD, OS Windows		
Included in the box Accessories *	Hand holder, Power Supply, Cables, Quick User Guide, Warranty document		
	Office Docking with Battery Charger, Rugged Docking with 12-24VDC, VESA mount & RAM mount		
	Rugged Tablet Cradle with VESA mount & RAM mount, Vehicle Power Adapter 12-24VDC		
	User replaceable screen protector, Capacitive Pen with soft rubber, Shoulder Straps Battery Pack, Micro SD Memory Card, Bluetooth Keyboard		

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\* Optional

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

New! the product will be available from Q4 - 2021.

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