RUGGED TABLET RT 510

10" ⊞

High Performance Rugged Tablet PC
based on the latest Intel CPU New Generation, Amber Lake.

Intel Core i5
8GB Ram, 256GB Storage
Display 10.1 inch with 2K resolution
WiFi, Bluetooth, 4G LTE
Docking and Vehicle Cradle
Windows 10 Pro/IoT

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RUGGTEK
RUGGED MOBILE COMPUTER

Model	RT 510	
Operating System	Microsoft Windows 11 Professional	Windows 10 Professional on request *
		Windows 11 IoT Enterprise ***
Computing Platform	Intel Core i5-8200Y	2 Cores, 4 Threads, up to 3.90GHz
System Memory	8GB	
Storage	256GB SSD	
Graphic	Intel UHD Graphics 615	4K support, Dual Display support
Display	10.1 inch	IPS technology, 500nits, 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 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 GPS, GLONASS, Galileo, BeiDou	A-GPS support
Sensors	Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor	
Audio	Mono Speaker and Headphone	
Camera	5MP front, 13MP rear	AutoFocus rear camera
Keyboard	Power button, Volume up/down, Barcode scanner (and 2 programmable buttons *)	
Interfaces	USB 3.2	x2 Type-A
	RJ45 ethernet port	x1
	DB9 serial RS-232	x1
	HDMI	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
	UHF RFID ***	
	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	6000mAh, ample power for a full shift
		End-user replaceable battery
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 12VDC, 4A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	Width 275mm, Height 178mm, Depth 18mm	
Weight	approx.900g	
Environment **	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 510, 8GB RAM, 256GB SSD, OS Windows	
Included in the box	Hand Strap, Hand holder, Power Adapter, Cables, Quick User Guide, Warranty document	
Accessories *	User replaceable anti-glare screen protector, Rubber-tipped Pen,	
	Office Docking with Battery Charger, Rugged Docking for wall-mount,	
	Vehicle Docking with combinations RAM and VESA holder, Power Adapter for Vehicle,	
	Spare Battery, Shoulder strap, Bluetooth Keyboard.	

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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.