RUGGED TABLET RT 610

10"

High Performance Rugged Tablet PC
based on the 12th Gen Intel Core processors.

Windows 11 Pro
Display 10" Multi-Touch
Sunlight Readable
Touchscreen with Thick Gloves
up to 16GB Ram, 1TB Storage
Wireless, Bluetooth & Cellular Network

www.ruggtek.com

Model	RT 610	
Operating System	Microsoft Windows 11 Professional	Windows 10 Professional on request *
		Windows IOT Enterprise LTSC *
Computing Platform	Intel Core i5-1235U	10 Cores, 12 Threads, up to 4.40GHz
	Intel Core i7-1255U ***	10 Cores, 12 Threads, up to 4.70GHz
System Memory	8GB	16GB ***
Storage	256GB	up to 1TB ***
Graphic	Intel Iris Xe Graphics eligible	4K support, Dual Display support
Display	10.1 inch	IPS technology, 500nits
		On request high brightness, Sunlight readable *
Resolution	1920 x 1200	2K resolution display, 16:10
		Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive	Multi-touch by finger and pen
		On request touch by industrial thick gloves *
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 GNSS	Support GPS, Glonass and Assisted GPS
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 control, Barcode scanner button (and 2 programmable buttons ***)	
Interfaces	USB port	x2 Type-A and Type-C
	RJ45 ethernet port	x1
	DB9 serial RS-232	x1
	HDMI	x1
	SIM Card Slot	x1
	Headphone	x1 Line Out 3.5mm
	Charging - DC In power	x1 by Jack
	Docking connector	x1
Expansion Slots *	Built-in Barcode scanner	1D and 2D barcode support
	Built-in NFC reader	ISO 14443-A/B, ISO 15693
	High precision GNSS	Multi-Constellation, centimetre precision
	UHF RFID module ***	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C
Security	Trusted Platform Module (TPM) 2.0	
	Built-in Fingerprint scanner module ***	Security Systems of Biometrics
	Built-in Fingerprint unlocking module ***	Unlocking Function for operating system
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 **	Operating Temperature	-20 ℃ to 60 ℃
	High & Low, Shock Temperature	in accordance with MIL-STD-810G
	Humidity	0% to 90% relative humidity, non-condensing
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Drop Resistance	1.22m
	Solar Radiation, Altitude, Vibration and Shock	in accordance with MIL-STD-810G
Regulatory	CE, FCC, MIL-STD-810G, WEEE, RoHS	
Ordering Code	RT 610, 8GB RAM, 256GB SSD, OS Windows	
	RT 610-HB, High Brightness Display, 8GB RAM, 256GB SSD, OS Windows	
	RT 610-TG, Touchscreen by Gloves, 8GB RAM, 256GB SSD, OS Windows	
Included in the box	Carry Handle, Hand holder, Power Adapter, Quick User Guide, Warranty document	
Accessories *	Tempered Glass hardness 9H for anti-shock and anti-scratch, Rubber-tipped Pen,	
	Spare Battery, Shoulder strap, Office Docking with Battery Charger,	
	Rugged Cradle holder, Rugged Docking with interfaces, Vehicle Docking with interfaces,	
	Adapter for cigarette lighter socket, AC/DC Power Adapter, Bluetooth Keyboard.	
Services *	Extended warranty up to 3/5 years, Battery protection, Accidental damage cover, Fast swapping.	