RUGGTEK
RUGGED MOBILE COMPUTER

RUGGED TABLET RT 252

12"

12-Inch Rugged Tablet and Notebook 2-In-1
based on the newer 12th Generation Intel Core i5 Processors.

Intel Core i5
Display 12.2 inch with 2K resolution
8GB Ram, 128GB Storage
USB type C
WiFi 6 ready, Bluetooth 5.1
Windows 10/11 Professional

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Model	RT 252	
Operating System	Microsoft Windows 11 Professional	Windows 10 Professional on request *
		Windows 11 IoT Enterprise ***
Computing Platform	Intel Core i5-1235U	10 Cores, 12 Threads, up to 4.40GHz
System Memory	8GB	
Storage	128GB	256/512GB *
Graphic	Intel Iris Xe Graphics eligible	Dual Display support
Display	12.2 inch	IPS technology
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 *	Fast Ethernet 100Mbit/s	
Bluetooth	Bluetooth 5.1 wireless technology	
Wireless	WiFi 6, IEEE 802.11a/b/g/n/ac/ax 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, Motion sensor	
Audio	Mono Speaker and Headphone	
Camera	2MP front, 8MP rear	AutoFocus rear camera
Keyboard	Power button, Volume up/down, Barcode scanner	
Interfaces	USB 3.0	x2 Type-A and Type-C
	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 RJ45 ethernet port	x1
	Built-in DB9 serial RS-232	x1
	Built-in USB port	x1
	Built-in Barcode reader	1D and 2D barcode support
	Built-in NFC reader	13.56MHz, front reading
Security	Intel vPro Eligibility	
	Built-in Fingerprint reader ***	
Power	Built-in rechargeable lithium-ion battery	6300mAh, ample power for a full shift
		End-user replaceable battery
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 19VDC, 4A
Cooling System	Fanless design - No fan. No noise.	
Dimensions	Width 339mm, Height 230mm, Depth 26mm	
Weight	approx.1500g	
Environment **	Glass protection	7H 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 252, 8GB RAM, 128GB 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, Capacitive Pen with soft rubber,	
	Office Docking with Battery Charger, Power Adapter for Vehicle,	
	Spare Battery, Shoulder strap.	

* 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.