RUGGTEK
RUGGED MOBILE COMPUTER

RUGGED TABLET RT 412

12"

The newest tablet PC, cost effective,
based on the Intel CPU New Generation: Jasper Lake.

Intel N5100
Display 12.1 inch
2K resolution 1920 x 1200
WiFi, Bluetooth, 4G LTE
Keyboard with Touchpad
Windows 11 Pro

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Model	RT 412	
Operating System	Microsoft Windows 11 Professional	Windows 10 Professional on request *
		Windows 11 IoT Enterprise ***
Computing Platform	Intel Celeron N5100	4 Cores, 4 Threads, up to 2.80GHz
System Memory	4GB	8GB *
Storage	128GB SSD	
Graphic	Intel UHD Graphics	4K support, 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	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 (or 5G ***)	Data
Location	Built-in GPS, GLONASS, BeiDou	A-GPS support
Sensors	Ambient Light sensor, 3-axis Motion sensor	
Audio	Dual Speaker and Headphone	
Camera	5MP front, 8MP rear	AutoFocus rear camera
Keyboard	Power button, Volume up/down, Barcode scanner (and 2 programmable buttons ***)	
Interfaces	USB 2.0/3.0	x4 Type-A and Type-C
	RJ45 ethernet port	x1
	DB9 serial RS-232	x2
	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 Barcode reader	1D and 2D barcode support
	Built-in NFC reader	13.56MHz, front reading
Security	Trusted Platform Module (TPM) 2.0	
Power	Built-in rechargeable lithium-ion dual battery	7300mAh, ample power for a full shift
	Power Management Hot Swap	End-user replaceable battery
	AC/DC Power Adapter	Input: 100-240VAC, 50/60Hz, Output: 19VDC, 4A
Cooling System	Fanless design - No fan. No noise.	
Mounting	VESA mount	
Dimensions	Width 319mm, Height 216mm, Depth 23.4mm	
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 412, 4GB RAM, 128GB SSD, OS Windows	
	RT 412-8GB, 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, Rubber-tipped Pen,	
	Office Docking with Battery Charger, Rugged Docking for wall-mount,	
	VESA bracket, In-Vehicle Holder, Power Adapter for Vehicle,	
	Spare Battery, Shoulder strap, Removable 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.