

RUGGTEK

RUGGED MOBILE COMPUTER



- ✓ Display 10.1 inch
- ✓ 8GB Ram, 256GB Storage
- ✓ Reliability
- ✓ Dust and Water Resistance
- ✓ Support and Repair Service
- ✓ European Warranty

RV 610

Windows vehicle terminal
based on Intel processor

www.ruggtek.com

Operating System	Microsoft Windows 11 Professional	on request Windows IOT Enterprise LTSC *
Computing Platform	Intel N5100	4 Cores, up to 2.80GHz
System Memory	8GB	
Storage	256GB	up to 1TB (#)
Graphic Chip	Intel UHD Graphics	4K support
Display	10.1 inch	500nits brightness
		on request Sunlight-viewable, 1000nits brightness *
Resolution	1920 x 1200	2K resolution display
		Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive	Multi-touch by finger and pen
		Touch by industrial thick gloves (#)
Ethernet LAN	Gigabit Ethernet 1000Mbit/s	
Wireless LAN	IEEE 802.11ac compatible	2.4GHz and 5.0GHz, Dual Band support
Bluetooth	Bluetooth 5.0 wireless technology	Class 2
Mobile Broadband	4G LTE	on request 5G *
Location	Built-in GNSS	support GPS, Glonass, Galileo, BeiDou, and A-GPS
Audio	Speakers	
Camera	5MP front, 13MP rear	Auto focus rear camera
Keyboard	Power button, Volume control, and 6 Function keys (configurable by app)	
Interf	USB 3.0 port	x4 by M12 connector
	RJ45 ethernet port	x1 by M12 connector
	Serial port	x2 by M12 connector
	SIM card slot	x1 by M12 connector
	External Cellular connector with antenna	x1 Type SMA
	External GPS connector with antenna	x1 Type SMA
	Charging - DC In power	x1 by M12 connector
Optional Expansion (#)	Embedded in HF RFID	RFID reader Q14443, Mifare Classic
	Embedded in High precision GNSS	RTK receiver Q14443, RTK precision
Security	Intel vPro	Intel vPro
Power	DC/DC Power Adapter	9-36VDC wide input voltage, automatically
Mounting	VESA mount, RAM mount	
Dimensions	Width 275mm, Height 175mm, Depth 18mm	
Weight	approx.1200g	
Environment	Operating Temperature	-20 °C to 60 °C in accordance with MIL-STD-810G
	Dust and Water Resistance	IP65
	Vibration and Shock	in accordance with MIL-STD-810G
Regulatory	CE, CCC, WEEE, RoHS, REACH	
Ordering Code	VTC-RVW00410-0	8GB RAM, 256GB SSD, OS Windows
Included in the box	USB/RJ45/DB9/Power Cables for M12 connector, WiFi/Cellular/GPS antenna, User Guide, Warranty document.	
Accessories *	Screen Protector, Pen, DC/DC Power Adapter for 9-36VDC wide input voltage, Keyboard, Omni-directional Outdoor Antenna, Omni-directional Indoor Antenna, RAM-mount holder, VESA holder.	
Services *	Ruggtek Warranty, product guarantee up to 3 years.	
	Ruggtek Easy-Care, customer service agreements.	

Available Soon

July 2026

(*) Optional

(#) 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.

The device is tested according to regulations by an independent third-party lab.

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