



VT-977 – 15” Windows Vehicle Mount Computer with Intel® Alder Lake-N97 Processor

The VT-977 is a ruggedized vehicle-mounted computer with an Intel® Alder Lake-N97 processor and Windows 11 OS, offering full Windows computing power in a mobile environment. It features a 15-inch industrial touch screen, Wi-Fi 7, Bluetooth 5.4, 4G/5G, GNSS, and supports 8 to 36V DC input, making it suitable for warehousing, logistics, and container trucks. It meets MIL-STD-810H for anti-shock/vibration and IP66 for dust/water resistance, allowing reliable operation in demanding environments.

SPECIFICATIONS

CPU	Intel Alder Lake-N97
Memory Type	DDR4 2666MHz SO-DIMM
Maximum Memory Supported	16GB
Integrated Graphics	Intel® UHD Graphics
Video	1 x HDMI (Type A), 1 x DP++ (Type A)
Storage	128GB M.2 2280 SATA SSD (up to 2TB)
Display	15" TFT LCD Panel
Resolution	1024 x 768
Brightness	1000 nits
Color	16.7M
Touch Panel	Projected Capacitive Multi Touch; 5-Wire Resistive Touch Optional by request

WiFi	Wi-Fi 6E: 802.11a/b/g/n/ac/ax, 2.4G/5G/6G (optional), Wi-Fi 7: 802.11a/b/g/n/ac/ax/be, 2.4G/5G/6G (optional)
Bluetooth	Bluetooth 5.3 (Dependant on Wi-Fi 6E, optional); Bluetooth 5.4 (Dependant on Wi-Fi 7, optional)
GNSS	GPS, GLONASS, Galileo, BeiDou (optional, Ublo x NEO M8N)
Audio	3.5mm Audio Jack (Mic-in/Line-out)
Speaker	8Ω/2W, dual studio speakers
Keypad	Power on/off; brightness and volume adjustment; 0-9 numeric, enter and backspace; F1-F6 function keys, power LED indicator
I/O	4x USB 3.0 (Type A); 2x USB 2.0 (Type A), 1x RS-232; 2x GbE LAN; 1x SIM Socket; 2 to 8x TNC connector
IP Rating	IP66
Power Requirement	8-36VDC
Dimensions	355 x 304 x 69 mm (13.97 x 11.96 x 2.71 inches)
Weight	4.8 kg (10.58 lbs)
Certification	CE, FCC, MIL-STD-810H
Operating Temperature	-30 to 60°C (-22 to 140°F)
Storage Temperature	-40 to 70°C (-40 to 158°F)
Relative Humidity	95% RH non-condensing
Mounting Mode	VESA 75 and 100
OS Software Supported	Windows 11 IoT Enterprise LTSC, Windows 11 Pro
Global P/N / SKU	2907856

Ordering Options

VT-977 (SKU# 2907856): 15" Windows Vehicle Mount Computer with Intel® Alder Lake-N97 Processor and PCAP Touch. *Ask Sales for Resistive Touch Optio

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