



VT-879 12.1" Windows Vehicle Mount PC with 12th Generation Core-i Processor

The VT-879 is a ruggedized vehicle-mounted computer with an Intel Alder Lake platform processor and Windows 11 OS, offering full Windows computing power in a mobile environment. It features a 12.1-inch industrial touch screen, WiFi 7, Bluetooth 5.4, 4G/5G, GNSS, and 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 operation in demanding environments.

SPECIFICATIONS

CPU	Intel Core i5-1235U
Memory Type	DDR4 2666MHz SO-DIMM
Maximum Memory Supported	32GB
Integrated Graphics	Intel® Iris Xe Graphics
Video	1 x HDMI (Type A), 1 x DP++ (Type A)
Storage	256GB M.2 2280 SATA SSD (up to 2TB)
Display	12.1" TFT LCD Panel
Resolution	1024 x 768
Brightness	1000 nits
Color	16.7M
Touch Panel	5-Wire Resistive Touch, Projected Capacitive Multi Touch Optional

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	6x USB 3.0 (Type A); 1x RS-232, 2x GbE; 1x SIM socket; 2-8x TNC connector for external antenna
IP Rating	IP66
Power Requirement	8-36VDC
Dimensions	300 x 260 x 58 mm (11.8 x 10.24 x 2.28 inches)
Weight	3.8 kg (8.4 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	2911115

Ordering Options

VT-879 (SKU# 2911115): 12.1" Windows Vehicle Mount PC with 5-Wire Resistive Touch. *Ask Sales for Capacitive Touch Option Optional Accessories (Ask sales for more details) Fiberglass Antenna: 8dBi Omni-directional Outdoor GP Base Station Antenna, High Gain Antenna, Car Antenna Rubber Duck Antenna: 3dBi or 5dBi Omni-directional Indoor Rubber Duck Antenna POWR60120D512-M12: Isolated Vehicle Power Adapter, DC 60–120V Input, Dual 5V/12V Outputs, Compatible with 80V/110V Vehicle Batteries, M12 Connectors

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