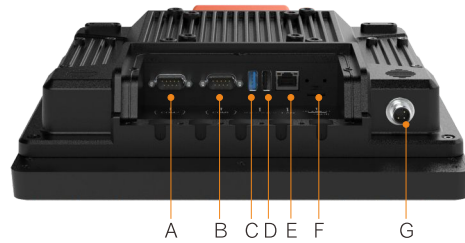


VT-658W

8", Resistive Touch, J1900, Windows 7/10, WiFi / Bluetooth / 4G / 5G / GPS, Integrated QWERTY Keyboard, Vehicle Mount Computer



A: COM2 / DIO / CAN2.0B
B: COM1
C: USB3.0
D: USB2.0
E: LAN
F: SIM Card Slot
G: DC Power Inlet



TNC Type Antenna
Orange-cap Antenna



Introduction

VT-658W is a medium-sized vehicle mounted computer that comes with 8-inch touch screen, QWERTY keyboard and Intel Baytrail platform processor for applications in warehousing, fleet management and container terminal. It could be mounted in industrial vehicles, such as forklifts, trucks, trailers, cranes and other heavy-duty vehicles. Optional Wi-Fi, LTE/3.5G, Bluetooth and GPS modules can be integrated into VT-658W for real time data exchange, navigation and communications. The full-function QWERTY keyboard provides user-friendly interaction which makes quick and easy operation.

Features

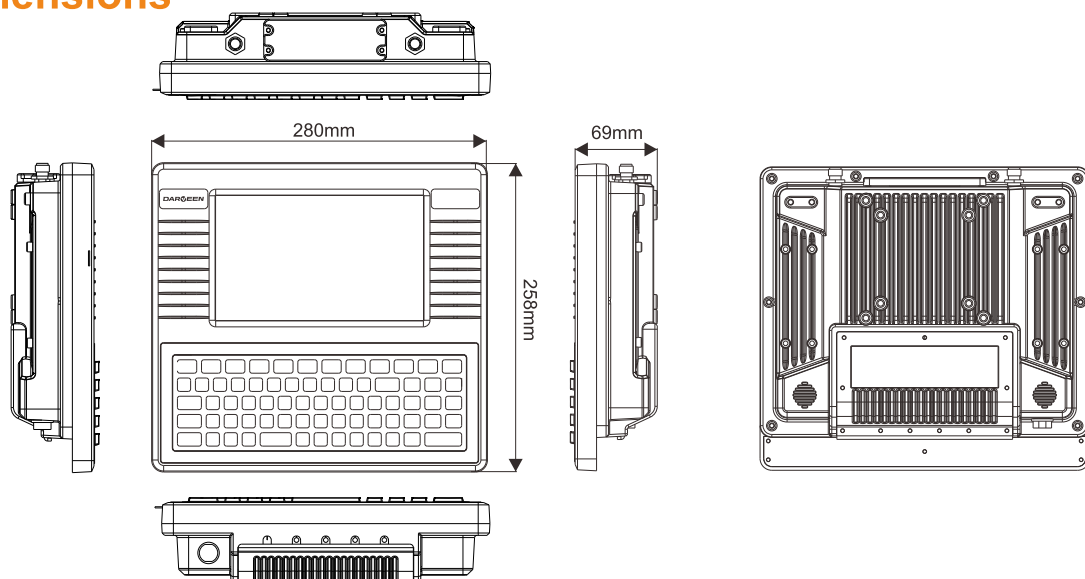
- 8" LED backlight panel with resistive touch screen
- Integrated QWERTY Keyboard
- Rugged aluminum enclosure and fanless design
- Full IP65 dust/water protection
- Meet MIL-STD 810G standard anti-vibration shock
- Wide range 8-36V DC Power input with ignition control
- VESA 75 and 100 standard mounting
- Flexible expansion capability for WiFi, Bluetooth, LTE/HSPA+/EVDO, GPS, CAN2.0B

Applications

- Port and Container Yards
- Manufacturing Logistics
- Warehouse Management
- Heavy Duty Vehicle
- Fleet Management



Dimensions



Specifications

System

Processor	Intel® Quad-Core Celeron J1900 (2.0GHz)
System Memory	4GB SO-DIMM DDR3L-1333 (up to 8GB)
Storage	32GB mSATA SSD (up to 512GB)
Operating System	Windows 10 IoT Enterprise LTSC Windows 7 Professional Windows Embedded Standard 7

Display

Size	8-inch
Resolution	800 x 480
Brightness	600 nits
Backlight	LED Backlight

Touch Screen

Type	5-Wire Resistive Touch
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Keypad & Keyboard

Keypad	Power On/Off Brightness Adjustment
Keyboard	Full 70-key QWERTY Keyboard Integrated F1-F24 Function Keys, 0-9 Number and A-Z Alpha Keys All Keys LED Backlight, Independent Switch Control, Day and Night Mode

I/O Connectors

Series Port	1 x RS-232/422/485 (COM1, full-function, Pin9 can be set to RI, 5V or 12V by jumper) 1 x RS-232 (COM2, full-function, Pin9 can be set to RI or 5V by jumper)
USB Port	1 x USB2.0 1 x USB3.0
LAN Port	1 x GbE LAN (RJ45)
DI/DO	4DI/2DO (Optional, with 3.3V power, substitute COM2)
CAN Bus	2 x CAN2.0B (Optional, compatible CAN2.0A, support J1939 protocol and in accordance with ISO 11898-1/2/3, substitute COM2)
Others	1 x SIM Card Slot (push and push) 1 x Power Connector 2/3/4 x TNC Connectors for External Antenna (WiFi, Bluetooth, WWAN, GPS) 1 x Battery Switch

RF Communication

WLAN	802.11a/b/g/n (Optional, CCX v4 Certificated) 802.11a/b/g/n/ac (Optional)
WWAN	4G LTE (Optional)
Bluetooth	Bluetooth 4.0 (Optional)
GPS	Ublox M8, support GPS/GLONASS/Galileo/Beidou (Optional)

Audio

Speaker	2 x Speaker (8Ω, 2W)
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Power Management

Power Input	8~36V DC
Power Consumption	15W typ.
Ignition On/Off	Power on delay, default 10 seconds; Power off delay, default 10 seconds; (On/Off delay time can be changed via BIOS setting);
UPS Battery	3350mAh/7.2V (Optional)

Environmental

Operating Temperature	-20~60°C
Relative Humidity	5%-95%, non-condensing
IP Proof	IP65 (I/O interface must be closed)
Shock and Vibration	Shock: MIL-STD-810G Method 516.6 Procedure I Vibration: MIL-STD-810G Method 514.6 Procedure I
Certifications	CE, FCC

Mechanical

Housing	Aluminum
Dimension (WxLxH)	280 x 256 x 69 mm
Weight	3.2 Kg