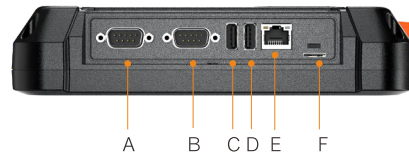


VT-768K

10.1", Resistive Touch, J1900, Windows 7/10, WiFi6 / Bluetooth / 5G / GPS,
Integrated Function Keypad, Vehicle Mount Computer



A: COM2
B: COM1
C: USB
D: USB
E: LAN
F: Micro-SIM



Introduction

VT-768K is a rugged vehicle mounted computer that comes with 10.1-inch touch screen, function keypad and Intel J1900 platform 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 WiFi6, 5G/LTE, Bluetooth and GPS modules can be integrated into VT-768K for real-time data exchange, navigation and communications. The front panel integrates function keypad and touchscreen that are user-friendly for quick and easy operations.

Features

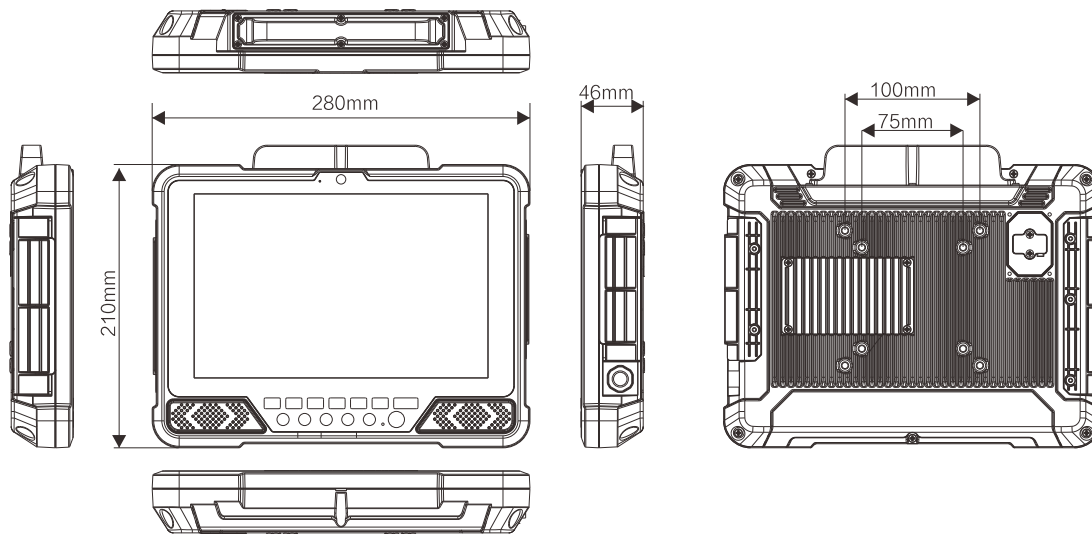
- Full plane design, 10.1-inch LCD panel with resistive touch screen
- Rugged aluminum enclosure and fanless design
- Integrated function keys and brightness/volume adjust keys
- Full IP67 dust/water protection
- Wide range 8-36V DC input with ignition control, optional build-in UPS
- Support advanced wireless modules, such as WiFi 6, Bluetooth 5, 5G
- Rich I/O, expandable DIO, CAN, Multi-LAN, Multi-COM

Applications

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



Dimensions



Specifications

System		I/O Connectors	
Processor	Intel® Quad-Core Celeron J1900 (2.0GHz)	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)
System Memory	4GB SO-DIMM DDR3L-1333 (up to 8GB)	USB Port	1 x USB2.0 1 x USB3.0
Storage	64GB mSATA SSD (up to 512GB)	LAN Port	1 x GbE LAN (RJ45)
Operating System	Windows 10 IoT Enterprise LTSC Windows 7 Professional Windows Embedded Standard 7	Expansion	2 x CAN2.0B (Optional) 4DI / 2DO (Optional) 2 x USB2.0 (Optional) 1 x VGA (Optional) 1 x Audio-out (3.5mm Jack, Optional) 1 x SIM Card Slot (push and push) 1 x Power Connector 6 x TNC Connectors for External Antenna (WiFi, Bluetooth, WWAN, GPS) 1 x Battery Switch
Display		Others	
Size	10.1-inch		
Resolution	1280 x 800		
Brightness	400 nits		
Backlight	LED		
Touch Screen			
Type	5-Wire Resistive Touch		
Keypad & Keyboard			
Keypad	Power On/Off Brightness Adjustment Volume Adjustment Power LED Indicator Charge LED Indicator F1-F6 Programmable function keys		
RF Communication			
WLAN	WiFi5: 802.11a/b/g/n/ac (Optional) WiFi6: 802.11a/b/g/n/ac/ax (Optional) Roaming WiFi: 802.11a/b/g/n (Summit, Optional)		
WWAN	5G / 4G LTE (Optional)		
Bluetooth	Bluetooth 4.0/5.0 (Optional)		
GPS	Ublox M8, support GPS/GLONASS/Galileo/Beidou (Optional)		
Audio			
Speaker	2 x Speaker (4 Ω, 2w)		
		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	IP67
		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 (W x L x H)	280 x 210 x 46 mm
		Weight	2.2 Kg