VMT10

10.4" TFT LCD and Intel Atom N2600 Vehicle Mount Computer

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▌ Introduction

VT TF€ is a fan-less vehicle mounted computer that comes with Intel Atom N2600 CPU for high reliability and performance. It is an industrial-grade vehicle mount terminal designed for applications in warehousing and logistics; delivery and fleet management; and container terminal operating system, where it is mounted in industrial vehicles, such as forklifts, trucks, trailers, cranes and other heavy-duty vehicles. WiFi, 3G, LTE, Bluetooth, CAN and GPS modules can be integrated into the VT TF€ for real-time data exchange, navigation and communications.

▌ Features

- High quality 10.4" LED backlight panel with touchscreen
- Rugged aluminum enclosure and fanless design
- Full IP65 dust/water proof enclosures
- Meet MIL-STD 810G standard anti-vibration shock
- Wide range 8 to 36V DC input acceptable
- Wide range -20~60ºC operating temperature
- Flexible expansion capability for WiFi, GPS, LTE/WCDMA/GPRS, Bluetooth, CAN2.0B

▌ Applications

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

▌ Specifications

Processor	Processor	- Intel Cedarview Atom N2600 1.6GHz
	BIOS	- AMI Plug & Play SPI BIOS
	Chipset	- Intel® NM10
Memory & Storage	System Memory	- 2GB DDR3 RAM
	Storage	- Industrial CFast card (up to 32GB)
Display	Size	- 10.4"Color TFT LCD with LED Backlight
	Resolution(H x V)	- SVGA 800 x 600
	Pixel Pitch (mm)	- 0.264 (H) x 0.264 (V) mm
	Contrast Ratio	- 700 :1 (typ.)
	Brightness (cd/m2)	- 400 (typ.)
	Viewing Angle	- 160 / 140 (V)
	Active Display Area	- 211.2(H) x 158.4 (V) mm
	Display Color	- 16.2M
Touchscreen	Type	- 8-wire resistive
	Interface	- USB
RF Functions	WLAN (Optional)	- Summit 802.11a/b/g/n WLAN Card
	WWAN (Optional)	- Sierra Wireless LTE/HSPA/GPRS/ CDMA Module
	GPS (Optional)	- SiRF-III High Performance GPS
	Bluetooth (Optional)	- Bluetooth V2.1 + EDR
I/O Ports	COM Ports	- 1 x RS-232 (COM1) 1 x RS-232/422/485 (COM2, w/ 5V or 12V power supply)
	USB Ports	- 2 x USB v2.0
	LAN Ports	- 2 x 10/100/1000Mbps GbE
	CAN Bus (Optional)	- 2 x CAN 2.0b with J1939 protocol
	Power	- 1 x DC-in Jack (Lockable)
Audio	2 x Speakers	
Operating System	Windows XP Pro. WES 7 Windows 7(at least 16GB CFast)	
Power	Power Input	- 8~36VDC
	Power Consumption	- 28 W typ.
	Ignition On/Off (Optional)	- Power on delay, default 10 seconds - Power off delay, default 10 seconds (HW configuration to select 30s or 120s) - Hardware power off delay, default 120 seconds
Keypad & Button	Control Keys	- Brightness Increasing (up to 100%) - Brightness Decreasing (down to 0%) - Power ON/OFF

Mechanical	Material	- Aluminum
	Dimensions(W x H x D)	- 278 x 229 x 68 mm
	Weight	- 4 Kg
Environmental	Operating Temperature	- -20~60ºC
	Relative Humidity	- 10~95% (Non-condensing)
	Dust & Water Protection	- IP65
	Mounting	- VESA Mount, Vehicle Mount
	Shock	- 5~500HZ, 4G RMS, X,Y,Z axis, 60mins/axis.
	Vibration	- 30G (11ms duration)
Certificatrions	CE FCC Class B MIL-STD 810G / IEC60068-2-1/2/64 for Vibration / Shock	
Optional Accessories	VESA Vehicle Mounting Kits Build-in Antenna Kits High-gain WiFi Antenna GPS Antenna DC-DC Power Adapter (9-58VDC Input, 24VDC Output) DC-DC Power Adapter (18-68VDC Input, 24VDC Output) AC-DC Power Adapter (100-240VAC Input, 12VDC Output)	
I/O Ports		

A B C D E

A. USB2.0
B. LAN
C. COM1
D. COM2 / CAN
E. Power Connector

TNC Type Antenna
Orange-cap Antenna

▌ Dimensions

280

230

69

Side view   Front view   Side view   Top view   Bottom view   Back view

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