

VMT12

12.1" Vehicle Mount Terminal

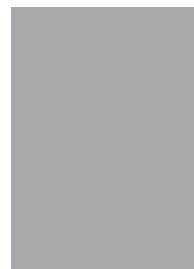


Introduction

VT T-FG is a fan-less vehicle mounted computer that comes with Intel Atom N450/ N2600 for high reliability and performance. It is an industrial-grade vehicle mount terminal designed for applications in warehousing and logistics, delivery and fleet management; container terminal operating system, where it is mounted in industrial vehicles, such as forklifts, trucks, trailers, cranes and other heavy-duty vehicles. WiFi, 3G, Bluetooth and GPS modules can be integrated into the VT T-FG for real-time data exchange, navigation and communications.

Features

- High quality 12.1" 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 9 to 30V DC input acceptable
- Wide range -30~70°C operating temperature
- Flexible expansion capability for WiFi, GPS, WCDMA /EDGE/GPRS, BT
- Support VESA standard mounting



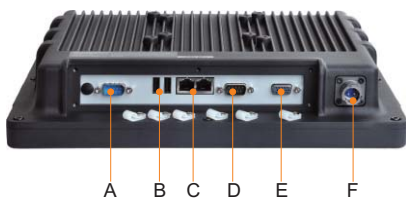
VMT12 12.1" Vehicle Mount Terminal



Specifications

Processor	Processor	- Intel Atom N450/ N2600	Operating System	Windows XP Pro.	
	BIOS	- AMI 16Mbit Flash		Windows XP Embedded	
Memory & Storage	Chipset	- Intel N450 / ICH8M	Power	Windows 7	
	System Memory	- 1GB DDR2 RAM (Up to 2GB)		Wide Range Power Input	- 9 ~ 30VDC
Display	Storage	- 320GB SATA HDD(Default) 16GB SATA SSD(Optional) or Industrial Compact Flash (Optional, Up to 32GB)	Keypad	Power Consumption	- 35W
	Size	- 12.1"Color TFT LCD with LED Backlight		Control Button	- Power On / Off
Touchscreen	Resolution(H x V)	- XGA 1024 x 768	Enclosure	Brightness Up (up to 100%)	
	Pixel Pitch (mm)	- 0.24 (H) x 0.24 (V) mm		Dimensions(W x H x D)	- 320 x 260 x 66 mm
Wireless Modules	Contrast Ratio	- 700 :1 (typ.)	Environmental	Weight	- 4.25 Kg
	Brightness (cd/m2)	- 500 (typ.)		Operating Temperature	- -30~70°C
Input/Output	Viewing Angle	- -70~70 (H) /-60~50 (V)	Certifications	Relative Humidity	- 10~95% (Non-condensing)
	Active Display Area	- 245.78 (H) x 184.32 (V)mm		Dust & Water Protection Enclosure Rating	IP65
Audio	Display Color	- 16.2M	Optional Accessories	Mounting	- VESA Mount
	8-wire resistive type touch panel			Shock	- 5~500HZ, 1G RMS, X,Y,Z axis, 60mins/axis.
Wireless Modules	Summit SDC-PE15N 802.11b/g/n WLAN Card (Optional)		Vibration		- 30G (11ms duration)
	Sierra Wireless MC8790V HSPA Modem (Optional)			Certifications	CE
Input/Output	SiRF star-III High Performance GPS Module (Optional)		Optional Accessories		FCC Part 15 Class B
	Bluetooth V2.1 EDR Module (Optional)			MIL-STD 810G / IEC60068-2-1/2/64 for Vibration / Shock	
Audio	1 x RS-232 (COM1)		Optional Accessories	VESA Vehicle Mounting Kits	
	1 x RS-232/422/485 (COM2)			Build-in Antenna Kits	
Audio	2 x USB v2.0		Optional Accessories	High-gain WiFi Antenna	
	2 x RJ 45-10/100/1000Mbps Ethernet Port			GPS Antenna	
Audio	1 x VGA		Optional Accessories	DC-DC Power Adapter (9-30VDC Input, 12VDC Output)	
	1 x DC-in Jack (Lockable)			DC-DC Power Adapter (9-58VDC Input, 24VDC Output)	
Audio	2 x Speaker		Optional Accessories	DC-DC Power Adapter (18-68VDC Input, 24VDC Output)	
				AC-DC Power Adapter (100-240VAC Input, 24VDC Output)	

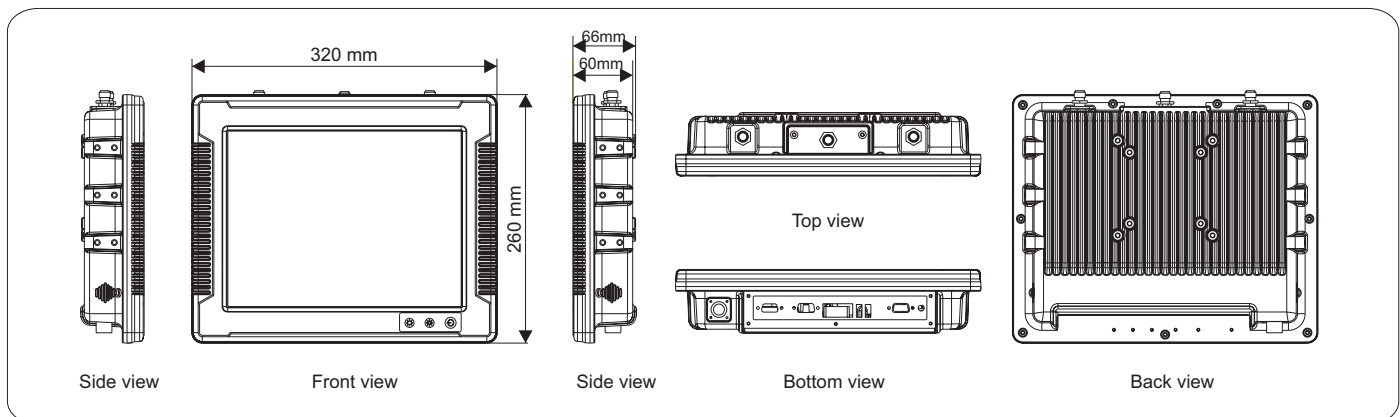
Input/Outputs



A: COM2 (RS-232/422/485)
 B: 2 x USB 2.0
 C: 2 x Giga LAN
 D: COM1(RS-232)
 E: VGA
 F: DC Power Inlet



Dimensions



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