

# VT-635

8.4" Vehicle Mount Terminal

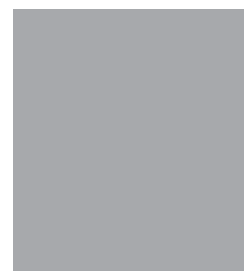
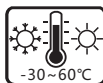


## Introduction

VT-635 is a fan-less vehicle mounted computer that comes with Intel Atom N450 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, Bluetooth and GPS modules can be integrated into the VT-635 for real-time data exchange, navigation and communications.

## Features

- High quality 8.4" 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 9 to 30V DC input acceptable
- Wide range -30~60°C operating temperature
- Flexible expansion capability for WiFi, GPS, WCDMA/GPRS, Bluetooth
- Support VESA standard mounting



# VT-635 8.4" Vehicle Mount Terminal



## Specifications

Processor	Processor	- Intel Atom N450 1.66 GHz	Power	Wide Range Power Input	- 9~30VDC
	BIOS	- AMI 16Mbit Flash		Power Consumption	- 25W
Memory & Storage	Chipset	- Intel N450 / ICH8M	Keypad	Power Button	- Power On / Off
	System Memory	- 1GB DDR2 RAM (Up to 2GB)		Brightness Up (up to 100%)	
Display	Storage	- 4GB Industrial Compact Flash (Up to 32GB)	Enclosure	Brightness Down (down to 0%)	
	Size	- 8.4"Color TFT LCD with LED Backlight		Dimensions(W x H x D)	- 240 x 190 x 59 mm
Display	Resolution(H x V)	- SVGA 800 x 600	Environmental	Weight	- 2.2 Kg
	Pixel Pitch (mm)	- 0.213 (H) x 0.213 (V) mm		Operating Temperature	- -30~60°C
	Contrast Ratio	- 600 : 1 (typ.)		Relative Humidity	- 10~95% (Non-condensing)
	Brightness (cd/m2)	- 450 (typ.)		Dust & Water Protection Enclosure Rating	IP65
	Viewing Angle	- 160 (H) / 140 (V)		Mounting	- VESA Mount
	Active Display Area	- 170.4 (H) x 127.8 (V) mm		Shock	- 5~500HZ, 4G RMS, X,Y,Z axis, 60mins/axis.
	Display Color	- 16.2M		Vibration	- 30G (11ms duration)
	Touchscreen	- 4-wire resistive type touch panel			
Wireless Modules	Summit SDC-PE15N 802.11b/g/n WLAN Card (Optional)		Certifications	CE	
	Sierra Wireless MC8790V HSPA Modem (Optional)			FCC Part 15 Class B	
Input/Output	SIRF star-III High Performance GPS Module (Optional)		Optional Accessories	MIL-STD 810G / IEC60068-2-1/2/64 for Vibration / Shock	
	Bluetooth V2.1 EDR Module (Optional)			VESA Vehicle Mounting Kits	
Audio	1 x RS-232 (COM1)			Build-in Antenna Kits	
	2 x USB v2.0			High-gain WiFi Antenna	
Operating System	2 x RJ 45-10/100/1000Mbps Ethernet Port			GPS Antenna	
	1 x VGA			DC-DC Power Adapter (9-30VDC Input, 12VDC Output)	
	1 x DC-in Jack (Lockable)			DC-DC Power Adapter (9-58VDC Input, 24VDC Output)	
	1 x Speaker			DC-DC Power Adapter (18-68VDC Input, 24VDC Output)	
	Windows XP Pro.			AC-DC Power Adapter (100-240VAC Input, 24VDC Output)	
	Windows XP Embedded				

## Input/Output



## Dimensions

