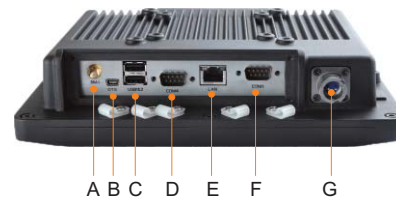# VT-531

Features

- High quality 7" LED backlight panel with touchscreen
- Wide range 8 to 36 V DC input acceptable
- Wide range -20~60ºC operating temperature
- Flexible expansion capability for WiFi, 3G,Bluetooth, GPS
- Support VESA standard mounting
- Full IP65 dust/water proof enclosures
- Meet MIL-STD 810G anti-vibration and anti-shock
- Reserved for F1 ~ F6 user-defined function keys

Introduction

VT-531 is a mini vehicle mounted computer that comes with ARM Cortex A8 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-531 for realtime data exchange , navigation and communications. The reserved F1-F6 and 0-9 numeric keys on the front panel are for users to operate accurately

Applications

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

A B C   D   E   F   G

A. SMA Connector
B. USB OTG
C. USB2.0
D. COM4

E. LAN
F. COM3
G. Power Connector

TNC Type Antenna
Orange-cap Antenna

MIL-STD 810G | -30~70℃ | 8~36V | IP65 | Touch | | 3G WiFi

Specifications

Processor
- TI OMAP3530 Cortex A8 600MHz
- Built-in TMS320C64x+™ DSP Core
- OpenGLES 1.1 and 2.0, OpenVG1.0

Memory & Storage
- 256MB DRAM
- 2GB Flash ROM
- 1 x SD/MMC Slot (up to 16GB)

Display
- 7" Color TFT LCD with LED Backlight
- Resolution: WVGA 800 x 480
- Brightness: 400 nits (Typical)

Touchscreen
- 4-wires Resistive
- COM Interface

Audio
- 1 x Speaker

Radio Frequency (Optional)
- WLAN: 802.11 b/g WLAN Card
- WWAN: LTE/HSPA/GPRS/CDMA Module
- GPS/GLONASS/Beidou
- Bluetooth: V2.1+EDR

I/O Interfaces
- 1 x RS-232 (Full Function, COM4)
- 1 x RS-232 (4-Wires, COM3)
- 2 x USB v2.0 Host
- 1 x USB v2.0 OTG
- 1 x LAN
- 1 x DC input power connector

Operating System
- Windows CE 6.0

Keypad
- Power ON/OFF
- Brightness Up (up to 100%)
- Brightness Down (down to 0%)
- Volume Up
- Volume Down
- F1-F6 Function keys
- Numeric keys

Power
- Wide Range 8~36V DC Input
- Power Consumption: 20W(Typical)
- ACC Ignition ON/OFF (Optional)

Mechanical
- Die-casting Aluminum
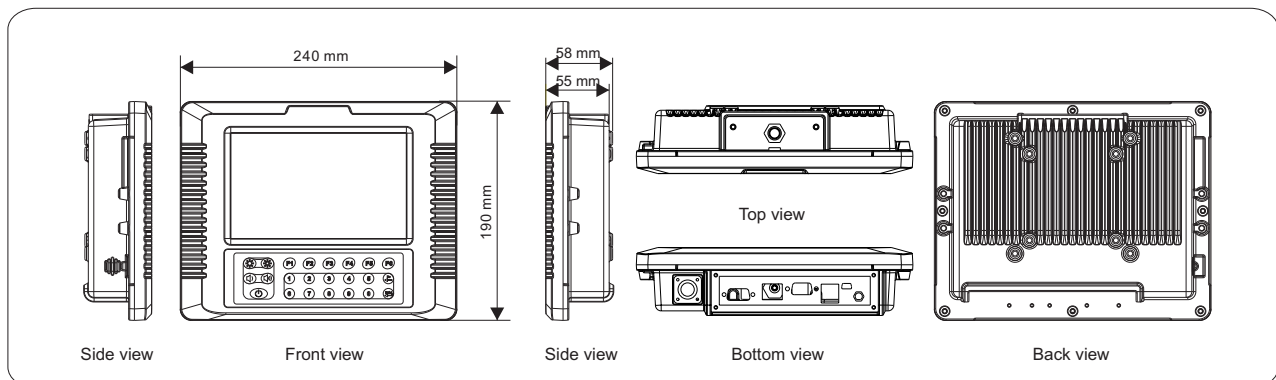- Dimensions: 240(W) x 190(H) x 59(D)mm
- Weight: 2.0Kg

Environment
- Operating Temp: -20~60℃
- Storage Temp: -30~70℃
- Humidity: 10~95%, non-condensing
- IP65 Dust/Water protection
- MIL-STD 810G / IEC60068-2-1/2/64
  for Vibration/Shock

Certification
- CE, FCC Class B

Dimensions

240 mm | 58 mm | 55 mm | 190 mm

Side view | Front view | Side view | Bottom view | Back view

Top view

Accessories

VESA Mounting Kits

High-gain WIFI Antenna

Magnetic Mount Antenna

GPS Antenna

Orange cap Antenna

DC-DC Power Adapter

AC-DC Power Adapter

Keyboard

Shade Cover

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