



Main Features

- ♦ 10.4" XGA TFT LCD monitor
- ♦ Compact and fanless design
- ♦ Built-in Intel® Core™ i7-2610UE processor
- ♦ Automatic/ manual brightness control
- ♦ On screen F1~F10 function key
- ♦ Wake on RTC/ SMS
- ♦ Variety wireless communication options
- ♦ Robust design with Die-cast aluminum front panel
- ♦ All enclosure compliant with IP65
- ♦ Wide range DC input from 9~36V
- ♦ Optional sunlight readable solution with 1000nits

Product Overview

VMC 3500/3501, 10.4-inch all in one robust vehicle mount computer, is designed for the transportation, warehouses and material handling application. Adopting the latest high performance processor Intel® Core™ i7, it integrates the high resolution LCD with the brightness of 400 nits and 5-wire resistive touch sensor.

VMC 3500/3501 is extreme ruggedness, the aluminum enclosure compliant with IP65 is designed against vibration, dust, moisture and chemical impacts. It does not compromise with its space to sacrifice its functional features. It provides RS-232, USB 2.0, CFast, LAN and two Mini-PCIe extensions for variety communication options.

The latitude of mounting methods offers easy installation in the vehicles. Thus, the VMC 3500/3501 is an ideal solution for vehicle terminal on forklifts, straddle carriers, truck, mining vehicles, construction machines and marine.

Specifications

LCD Panel

- ♦ 10.4-inch TFT LCD panel with LED backlight
- ♦ 1024x 768 pixels (XGA)
- ♦ Brightness: 400 cd/m² (typical)
- ♦ Contrast ratio: 500:1 (typical)

Touch Screen Sensor

- ♦ 5-wire resistant touch
- ♦ Anti-glare coating surface
- ♦ Transmission rate: 89 ± 3%

CPU & Chipset

- ♦ Intel® Core™ i7 2610UE 1.5GHz
- ♦ Intel® QM67 chipset

Memory

- ♦ Support DDR3 1333MHz SODIMM 1GB (up to 8GB)

Storage Interface

- ♦ 1 x CFast
- ♦ 1 x 2.5" SATA SSD

Expansion

- ♦ 1 x Mini-PCIe socket (PCIe + USB + SATA, for WLAN module)
- ♦ 1 x Mini-PCIe socket (USB, for 3.5G module)
- ♦ 1 x CAN bus module support J1939/J1708

Front Side I/O

- ♦ On screen display buttons x 5
 - Power on/off
 - Volume control (+/-)
 - Brightness control (+/-)
- ♦ Light sensor
- ♦ LED indicators x 4
 - Power on/off
 - Storage
 - Warning
 - Shift
- ♦ F1~ F10 functions key
- ♦ 2 x Built-in 2W speakers

Rear Side

- ♦ Built-in speakers (2W) x 2
- ♦ Reserved for 3 optional antenna of Wi-Fi / WWAN, SMA Type

Lateral Side I/O

- ♦ 1 x CFast card slot
- ♦ Reset button
- ♦ 1 x USB2.0/1.1 (host)
- ♦ Reserved for 1 optional antenna of Wi-Fi, SMA Type

