



## Main Features

- Intel® Core™ processor dual core i3-5010U
- Three SIM cards + dual WWAN modules support
- Dual externally accessible SATA 3.0 SSD/HDD
- Built-in u-blox NEO-M8N module, optional Dead Reckoning support
- Optional CAN/OBDII module (CAN Bus 2.0B or OBDII SAE J1939)
- Wake on RTC/SMS via WWAN module
- Voice communication via WWAN module
- Compliant with MIL-STD-810G
- 4 x mini-PCIe socket rich expansion capability

## Product Overview

VTC 7230 features powerful new generation Intel® Core™ processor i3-5010U. Its CPU performance gives the users the ability to adapt to what they need in any telematics applications. Its powerful graphic engine allows users to fully take advantage of VTC 7230 to achieve smooth, seamless and stunning graphic performance on 3 different video outputs (VGA, DP, LVDS). VTC 7230 is equipped with 2 externally accessible SSD/HDD trays; users can easily download or upload the data on other devices by just removing the storage devices from VTC 7230. By integrating the variety of I/O ports and 4 x mini-PCIe sockets expansibility, VTC 7230 is not only suitable for video surveillance application, but also can meet the demand for other telematics applications, such as infotainment, fleet management and dispatching system. With dual SIM cards support, VTC 7230 allows three SIM cards backup each other for a better connectivity quality by software. In addition, three SIM cards + dual WWAN modules architecture can increase the bandwidth for a faster data transfer speed. Not only data transmission, VTC 7230 also supports two-way voice communication. Equipped with intelligent power management, VTC 7230 can be waked on by ignition, RTC timer or SMS/Ring remotely.

## Specifications

### CPU

- Intel® Core™ processor dual core i3-5010U, 2.1GHz

### Memory

- 2 channel 204-pin DDR3L SO-DMIM socket support 1333/1600MHz up to 16GB, default 2GB

### Storage

- 2 x 2.5" SATA 3.0 SSD/HDD (externally accessible), RAID 0,1 supported (optional lockable storage available)
- 1 x CFast (externally accessible)

### Expansion

- 1 x Full size mini-PCIe socket (USB 2.0)
- 1 x Full size mini-PCIe socket (USB 2.0 + PCIe)
- 1 x Full size mini-PCIe socket (USB 2.0 + PCIe)
- 1 x Half size mini-PCIe socket (USB 2.0 + PCIe)

### Function

- 1 x u-blox NEO-M8N module (support GPS/Gloness/QZSS/Galileo/Beidou) or optional module with Dead Reckoning
- Built-in G-sensor

### I/O Interface-Front

- 4 x LED for power, storage, WWAN, WLAN

- 2 x Externally accessible SATA 3.0 SSD/HDD tray, RFID 0, 1 supported (optional lockable storage available)
- 1 x Dual USB type A connector for USB 3.0 port + USB 2.0 port
- 2 x Externally accessible SIM card socket (selectable)
- 1 x Phone jack 3.5mm for 1 x Mic-In
- 1 x Phone jack 3.5mm for 1 x Line-out
- 1 x Externally accessible CFast card socket with cover
- 1 x Event button (trigger type)
- 1 x Reset button
- 3 x Antenna hole for WWAN/WLAN/BT

### I/O Interface-Rear

- 1 x 9 ~ 36VDC input with ignition and 35W typical power consumption
- 1 x Dual USB type A connector for USB 3.0 port + USB 2.0 port
- 2 x RJ45 10/100/1000 Fast Ethernet with LED
- 1 x Phone jack 3.5mm for 1 x Mic-in
- 1 x Phone jack 3.5mm for 1 x Line-out with 1.5W output each
- 1 x DB-15 VGA. Resolution up to 2560 x 1600 @60Hz
- 1 x DP port. Resolution up to 2560 x 1600 @60Hz
- 2 x DB-9 RS-232
- 1 x DB-9 RS-232/422/485 (R/5V/12V selectable)
- 1 x DB-9 for CAN 2.0B (optional CAN Bus 2.0B mini-PCIe card), 2 x MCU-DI and 2 x MCU-DO
- 1 x 16-pin terminal block

