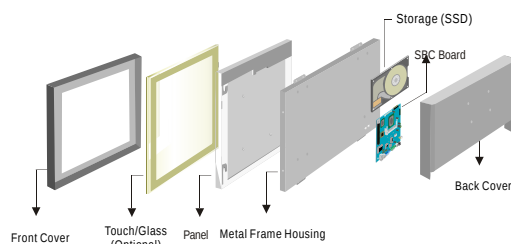


VM190PPC-ID7T-WT-CM

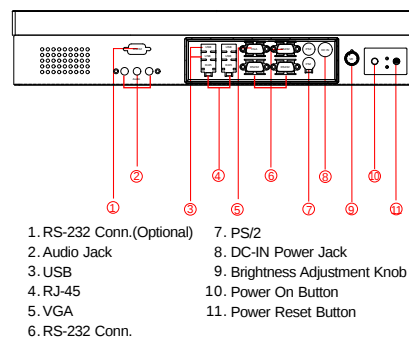
Mechanical Design



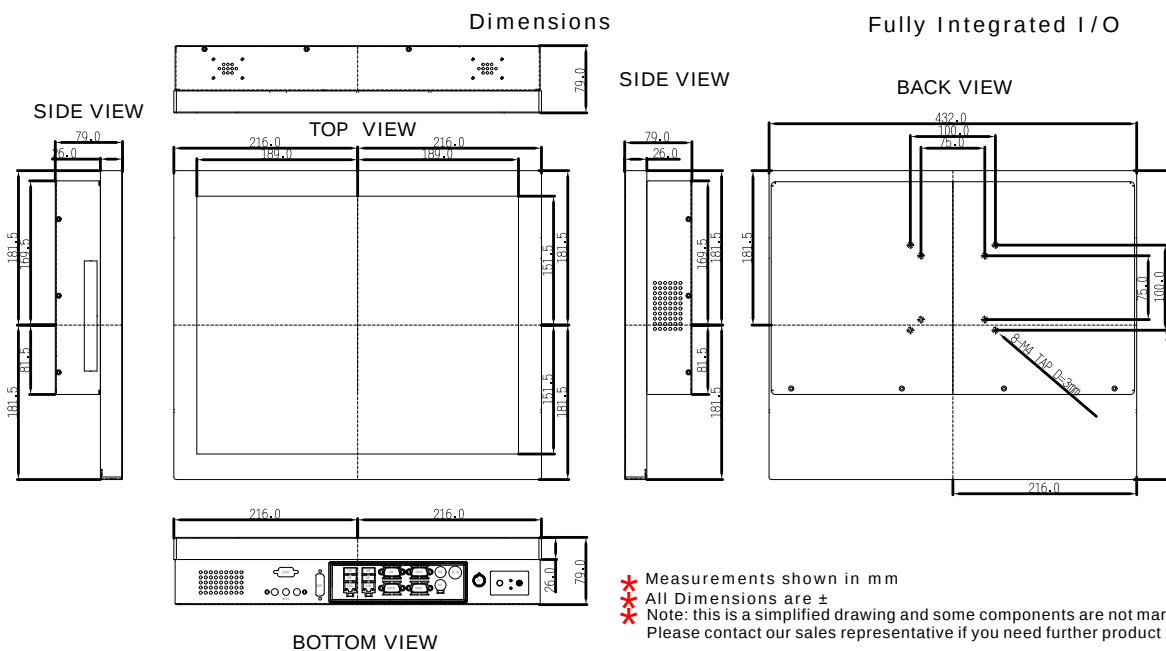
Chassis



Mechanical design



Fully Integrated I/O



Specifications

System :

- CPU : Intel®Atom Dual-core Processor 1.86GHz
- Memory Slot : 1 x SODIMM, Max 4GB DDR3 800/1066
- System Chipset : Intel®NM10
- IDE/SATA : 2 x SATA
- LAN : Dual Broadcom BCM57780 GbE controller
- Audio Codec : Realtek ALC886 HD Audio Codec
- Storage : mSATA SSD 32GB (Default)

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
 - USB Ports : 4 x USB Type-A Receptacle
 - Keyboard / Mouse : 2 x PS/2
 - Ethernet : 2 x RJ45-10/100/1000 Mbps
 - VGA : 1 x VGA (female)
 - Audio : Line-out, Line-in, Mic in
- Default setting:RS232

Expansion Slot :

- 1 x Mini PCIe slot (for wireless module)
- 1 x Mini PCIe slot (for 3G module)

Environment Considerations :

- Operating Temperature : -20 deg.C to 60deg.C
- Operating Humidity : 30% to 90% (non condensing)

Panel Spec :

- Size/Type : 19" TFT
- Resolutions : 1280x1024
- Brightness : 350cd/m (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angle : -85~85(H); -80~80(V)
- Max. Colors : 16.7M colors

Power Specifications :

- Power Input : 12V DC-IN Power input
- Power Consumption : 45W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Power Supply 80W Adapter w/power cord

Order Options :

- Touch : 5 Wires Resistive (Optional)
- RAM : SODIMM DDR3 1066
- OS : Windows 7 embedded / Windows XP embedded (Optional)

Note: All Specifications are subject to change without prior notice!



Rev.	Reasons	Revised Date
1.0	First Release	Jul-31-12
1.1	Model name change	Sep-18-12

Revised Date:09/18/2012