

# Panel-PC Viper 19" Atom

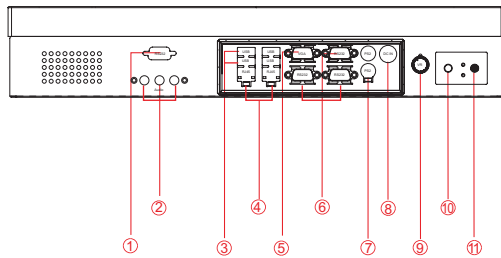
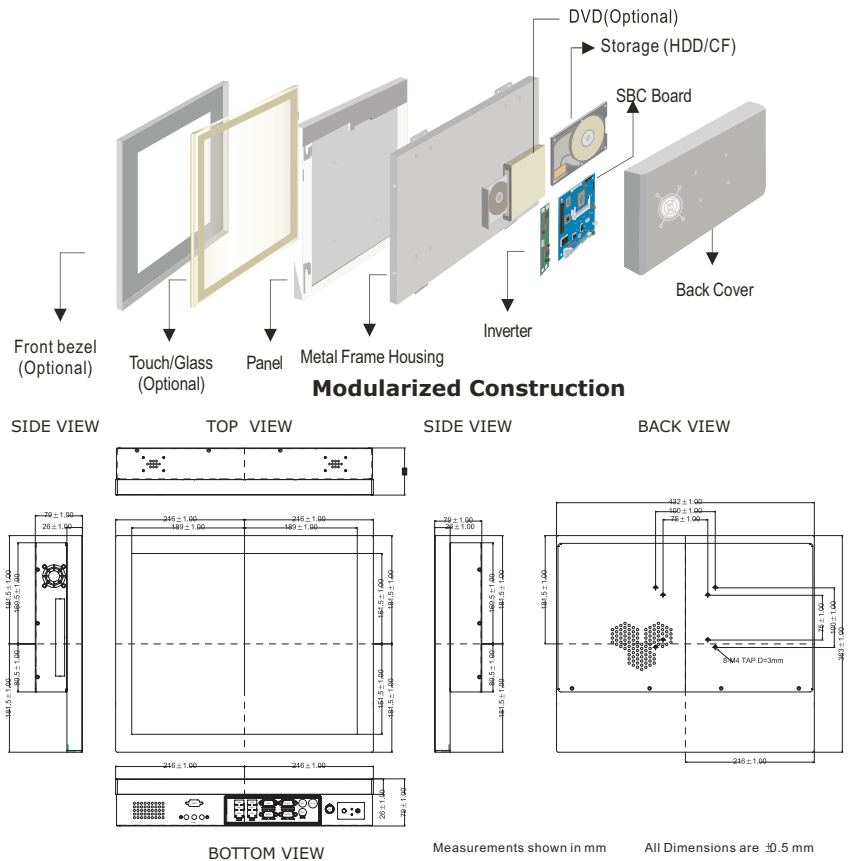
(Intel® Atom Platform)

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Chassis



- 1. RS-232 Conn.(Optional)
- 2. Audio Jack
- 3. USB
- 4. RJ-45
- 5. VGA
- 6. RS-232 Conn.
- 7. PS/2
- 8. DC-IN Power Jack
- 9. Brightness Adjustment Knob
- 10. Power On Button
- 11. Power Reset Button

## System Specifications

### TFT Characteristics :

- Resolutions : 1280 x 1024
- Brightness : 300 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 800 : 1(typ.)
- Viewing Angles : -80~80(H);-80~80(V)
- Max Colors : 16.7M (8bits/colors)

### SBC Specifications :

- Processor : Intel® Atom N270 1.6GHz Processor
- BIOS : AMI 4Mbit Flash
- System Chipset : Intel® 945GSE/ICH7M
- Memory Slot : 1 x DIMM, Max 2GB DDR2 400/533
- Graphic Chipset : Intel® 945GSE Integrated (224MB shared )
- IDE : 1 x 44pin IDE (UDMA 33/66/100)
- KB/Mouse : 2 x PS/2
- Ethernet : 2 x RJ45(Gigabit LAN)
- Audio : Realtek ALC655 codec
- SATA : 2 x SATA
- Serial : 3 x RS232, 1 x RS232/422/485 ( 1 x RS232 internal)
- USB : 8 x USB
- Expansion Slot : 1 x Mini PCI, 1 x PCI, 1 x PCIe (x1)
- Watchdog Timer : Software programmable supports 1~255 secretary.

\* A customized housing is needed if you would like to have the PCI expansion.

### Environment Considerations :

- Operating Temperature : 0 deg.C to 45deg.C
- Operating Humidity : 30% to 90% (non condensing)

### Input/ Output Connectors :

- Ethernet LAN : 2 x RJ 45-10/100/1000 Mbps
- Keyboard / Mouse : 2 x PS/2
- COM : 2 x RS232, 1 x RS232/422/485 9P DSUB (male)
- Audio : 1 x Audio Jack(Line-Out, Line-In, Mic in)(optional)
- USB : 4 x USB Type-A Receptacle
- VGA Out : 1 x VGA (female)

### Order Options :

SBC	PANEL PC
<b>RAM</b> : 1GB DDR2 * 1GB DDR2(Optional)	<b>Mechanical</b> : Open Frame Panel Mount (5mm bezel) IP65 (10mm bezel) Chassis
<b>Storage</b> : 180 GB 3.5" SATA HDD* 1 GB Compact Flash(Optional)	<b>Touch OS</b> : 5 Wires Resistive * : Windows XP(E Optional) Windows XP (Optional) Linux(Optional)
<b>* Default</b>	

### Accessories :

- External Power Supply 120W w/power cord

### Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 85W (typ.)(Max.backlight & high CPU load)

