

Panel-PC Viper 12.1"

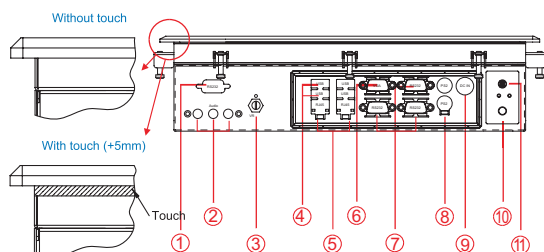
Intel® Atom Platform

Leader in Touchscreen Solutions

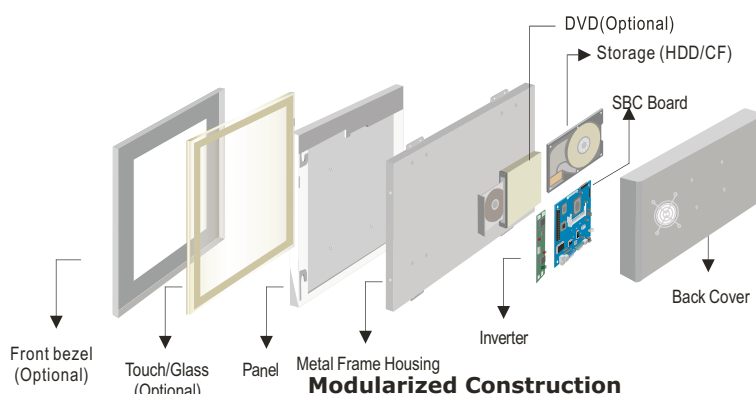
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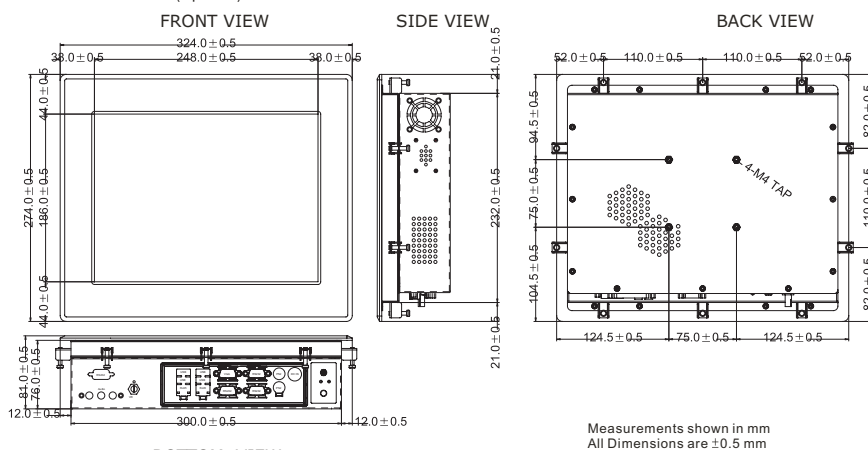
Panel Mount (5mm front bezel)



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



Modularized Construction



System Specifications

TFT Characteristics :

- Resolutions : 800 x 600
- Brightness : 400 cd/m² (typ.)
- Contrast Ratio : 500 : 1(typ.)
- Viewing Angles : -70~70(H); -50~60(V)
- Max Colors : 262,144

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.

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 65W (typ.)(Max.backlight & high CPU load)

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
RAM : 1GB DDR2* 2GB DDR2(Optional)	Mechanical : Open Frame Panel Mount (5mm bezel) IP65 (10mm bezel) Chassis
Storage : 2.5" 80 GB HDD* 1 GB Compact Flash(Optional)	Touch : 5 Wires Resistive(Optional) OS : Windows XPE(Optional) Windows XP (Optional) Linux(Optional)
* Default	

Accessories :

- Mounting Kit (for Panel Mount 5mm)
- External Power Supply 80W w/power cord

