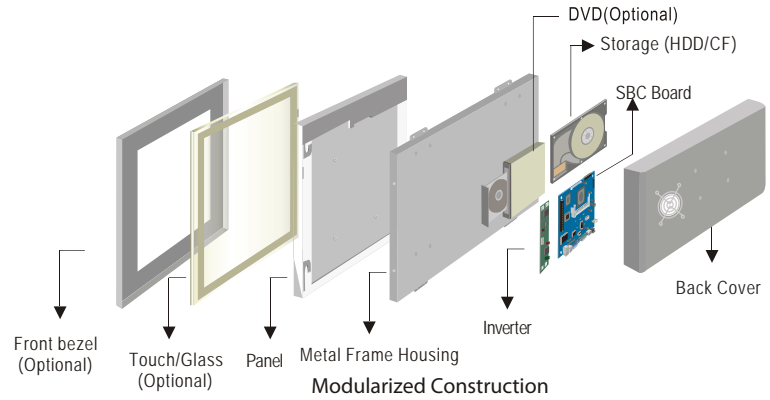


PPC-CH019ATM

19" Panel PC w/ATOM Solution
(Intel® Atom Platform)



Chassis

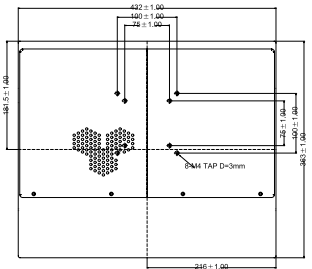
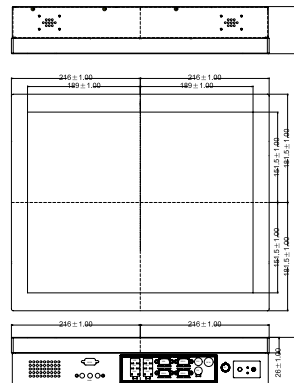
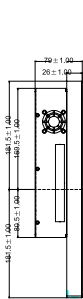


SIDE VIEW

TOP VIEW

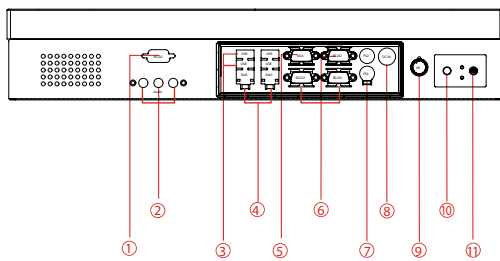
SIDE VIEW

BACK VIEW



BOTTOM VIEW

Measurements shown in mm All Dimensions are 0.5mm



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

* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

System Specifications

TFT Characteristics :

- Resolutions : 1280 x 1024
- Brightness : 300 cd/m² (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
RAM : 512 MB DDR2(Optional) 1GB DDR2(Optional)	<u>Mechanical</u> : Open Frame Panel Mount (5mm bezel) IP65 (10mm bezel) Chassis
<u>Storage</u> : 2.5"80 GB HDD* 1 GB Compact Flash(Optional)	<u>Touch OS</u> : 5 Wires Resistive(Optional) Windows XPE(Optional) Windows XP (Optional) Linux(Optional)
* Default	

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)



Rev.	Reasons	Revised Date
1.0	New Add	Nov-28-08



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