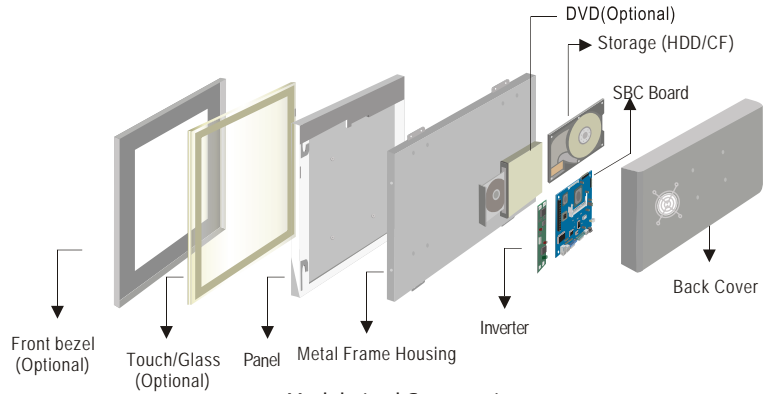


PPC-CH010ATM

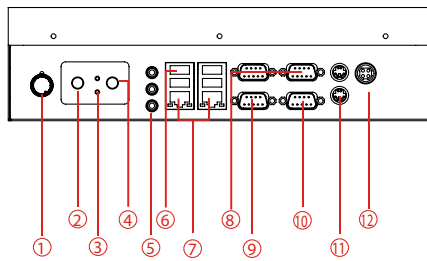
10.4" Panel PC w/ATOM Solution (Intel® Atom Platform)



Chassis

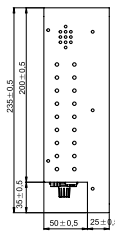


Modularized Construction

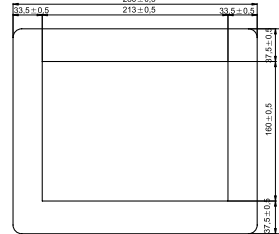


- | | |
|-------------------------------|-------------------------|
| 1. Brightness Adjustment Knob | 7. RJ-45 |
| 2. Power / HDD LED | 8. VGA Out |
| 3. Power On Button | 9. RS-232/422/485 Conn. |
| 4. Power Reset Button | 10. RS-232 Conn. |
| 5. Audio Jack | 11. PS/2 |
| 6. USB | 12. DC IN Power Jack |

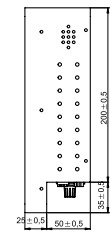
SIDE VIEW



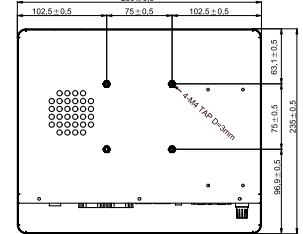
FRONT VIEW



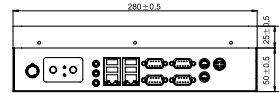
SIDE VIEW



BACK VIEW



Measurements shown in mm
All Dimensions are ±0.5 mm



BOTTOM VIEW

* 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 : 1024 x 768
- Brightness : 350 cd/m² (typ.)
- Contrast Ratio : 1200 : 1 (typ.)
- Viewing Angles : -88~88(H); -88~88(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)
- 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)	Mechanical : Open Frame Panel Mount (5mm bezel) IP65 (10mm bezel) Chassis
Storage : 2.5"80 GB HDD* 1 GB Compact Flash(Optional)	Touch OS : 5 Wires Resistive(Optional) Windows XPE(Optional) Windows XP (Optional) Linux(Optional)
* Default	

Accessories :

- External Power Supply 80W w/power cord



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



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