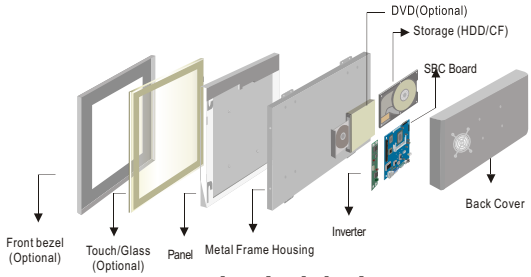
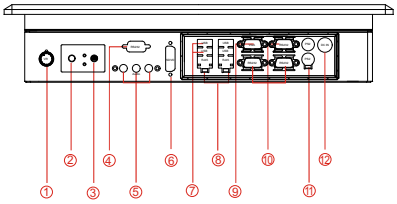
R15I77T-PMC3 15" Panel PC (Intel® 2 Quad/core 2 Duo/celeron M+GM45 platform)

Mechanical Design

Panel Mount (10 mm front bezel)



Mechanical design

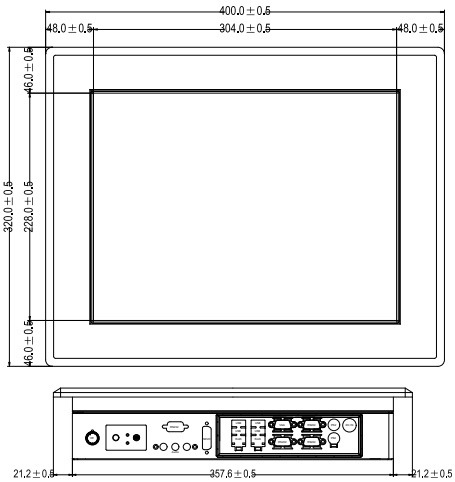


1. Brightness Adjustment Kndo
2. Power On Button
3. Power Reset Button
4. RS-232 Conn.(Optional)
5. Audio Jack
6. DVI (Optional)
7. USB
8. RJ-45
9. VGA Out
10. RS-232 Conn.
11. PS/2
12. DC-IN Power Jack

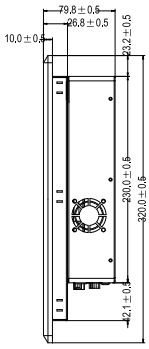
Fully Integrated I/O

Dimensions

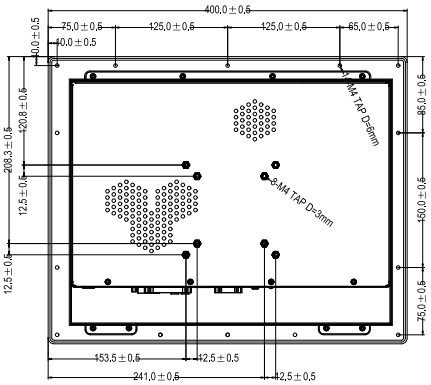
FRONT VIEW



SIDE VIEW



BACK VIEW



BOTTOM VIEW

* Measurements shown in mm
* Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm
* 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.

Specifications

System :

- CPU : Support Socket P based Intel® Core 2 Quad/ Core 2 Duo/Celeron M,up to 3.06G
- Memory Slot : 2 x DDR2 DIMM, up to 4GB DDR2 667/800
- System Chipset : Intel® GM45/ICH9M-E
- BIOS : AMT/AMT4.0
- IDE/SATA : 1 x 44pin IDE (UDMA 33/66/100) 3 x SATA with RAID 0/1/5
- LAN : Intel® 82567LM + 82574L GigaLAN Support Teaming function support
- Audio Codec : VIA VT 1708A codec

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
- USB Ports : 4 x USB
- Keyboard / Mouse : 2 x PS/2
- Ethernet : 2 x RJ45-10/100/1000Mbps
- VGA : 1 x VGA (female)
- DVI : DVI x1 (Optional)

● Default setting:RS232

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 86W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Adapter : 110~230V Ac-in power adapter

Panel Spec :

- Size/Type : 15" TFT
- Resolutions : 1024 x 768
- Brightness : 250 cd/m² (typ.)
- Contrast Ratio : 500 : 1(typ.)
- Viewing Angles : -70~70(H);-60~60(V)
- Max Colors : 16.2M

Environment Considerations :

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

OS BSP / Driver Support :

- Support Windows 7 / Windows XP Embedded / Windows XPP Embedded / Linux 2.6 / Win CE 5.0,6.0

Order Options :

Mechanical : Open Frame	CPU : Check with Sales
Panel Mount(10 mm bezel)	RAM : DDR2 1 GB / 2 GB/4 GB
IP65(10 mm bezel)	Storage : 3.5" HDD/SSD/CF
Touch : 5-Wires Resistive(Optional)	DVD : Optional
	OS : Win 7/Win XPe/Win XPPe
Anti-Reflective Protective Glass (A customized housing is needed if you have demands of SAW/IR/IT/SC touch)	

Rev.	Reasons	Revised Date
1.0	First release	May-11-11
1.1	Change Panel Mount	May-13-11

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

Revised Date:05/13/2011