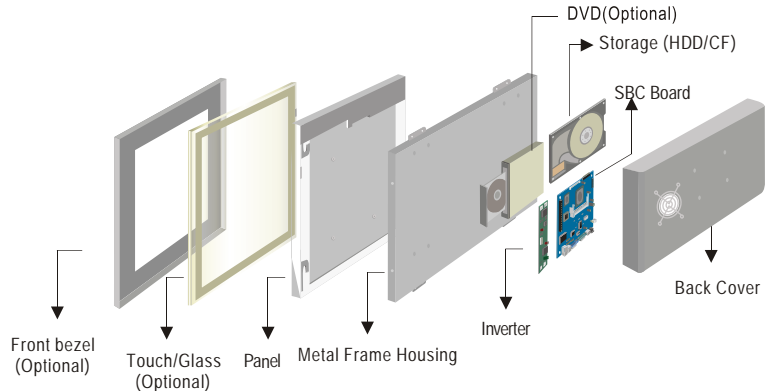


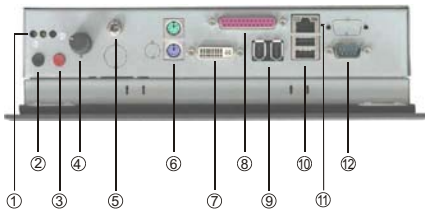
# T-Series 8.4" Panel PC (Intel® Pentium® M / Celeron® M Platform)

**MODEL #: R08B89T-PMU1**

## Mechanical Design

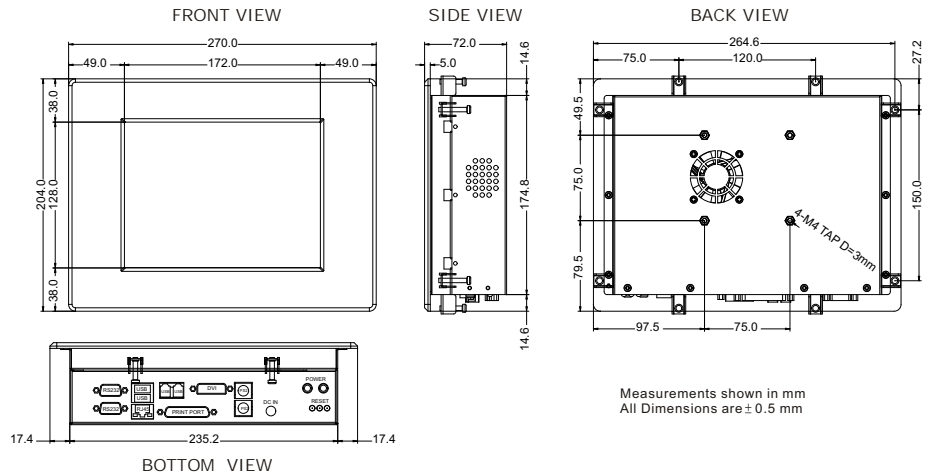


### Panel Mount (5mm front bezel)



- |                               |                        |
|-------------------------------|------------------------|
| 1. Power / HDD LED            | 7. DVI-I Conn.         |
| 2. Power On Button            | 8. Parallel Port (LPT) |
| 3. Power Reset Button         | 9. 1394 FireWire       |
| 4. Brightness Adjustment Knob | 10. USB                |
| 5. DC-IN Lockable Power Jack  | 11. RJ-45              |
| 6. PS/2                       | 12. RS-232 Conn.       |

### Modularized Construction



## System Specifications

### TFT Characteristics :

- Resolutions : 800 x 600
- Brightness : 220 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 500 : 1 (typ.)
- Viewing Angles : -65~65(H); -45~65(V)
- Max Colors : 262K

### SBC Specifications :

- Processor : Socket 479 for Intel Pentium M / Celeron M up to 2 GHz
- BIOS : Award 4Mbit Flash
- System Chipset : Intel 855GME + ICH4
- Memory Slot : 1 x DIMM, Max 1GB DDR 200/266/333
- Graphic Chipset : Intel 855GME Integrated (64MB shared)
- IDE : 2 x IDE (UDMA 33/66/100)
- CF : 1 x Type I/II CF socket
- KB/Mouse : 2 x PS/2
- Ethernet : 1 x RJ-45
- Audio : Built in AC97 codec
- USB : 6 x USB2.0
- Serial : 2 x RS232
- Parallel : 1 x LPT
- IrDA : 1 x IrDA
- 1394 FireWire : 2 x 1394
- Expansion Slot : 1 x Mini PCI, 1 x PCI\*

\* 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 : 63W (typ.) (Max. backlight & high CPU load)

### Environment Considerations :

- Operating Temperature : 0 deg.C to 50deg.C
- Operating Humidity : 30% to 90% (non condensing)

### Input/ Output Connectors :

- Ethernet LAN : 1 x RJ45-10/100Mbps
- Keyboard / Mouse : 2 x PS/2
- COM : 1 x RS232 9P DSUB (male)
- Parallel : 1 x 25P DSUB (female)
- USB : 2 x USB Type-A Receptacle
- 1394 FireWire : 2 x 1394 6P Receptacle
- DVI Out : 1 x DVI-I (female)

### Order Options :

SBC	PANEL PC
<b>CPU</b> : Celeron M 1.5GHz* Pentium M 1.73GHz(Optional)	<b>Mechanical</b> : Open Frame Panel Mount (5mm bezel) IP65 (10mm bezel) Chassis
<b>RAM</b> : 256 MB DDR* 512 MB DDR(Optional) 1 GB DDR(Optional)	<b>Touch</b> : 5 Wires Resistive(Optional)
<b>Storage</b> : 2.5"40 GB HDD* * Default 1 GB Compact Flash(Optional)	<b>OS</b> : Windows XPE(Optional) Windows XP (Optional) Linux(Optional)

### Accessories :

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