

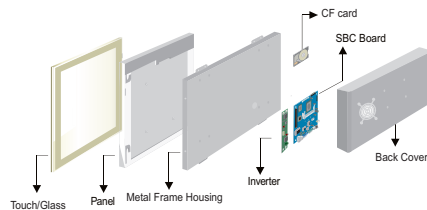
# R08ID3S-IPU1 8.4" Panel PC (Intel® Atom™ Dual Core D2550 Processor)

## Mechanical Design

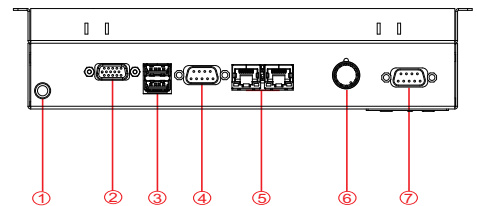


**Ip65 (8mm front bezel)**

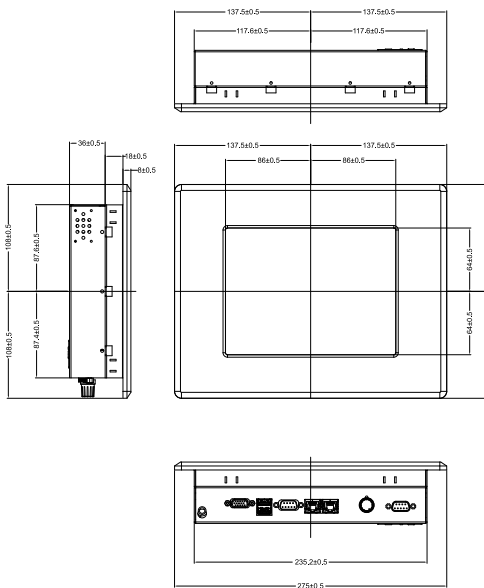
FRONT VIEW



**Modularized Construction**

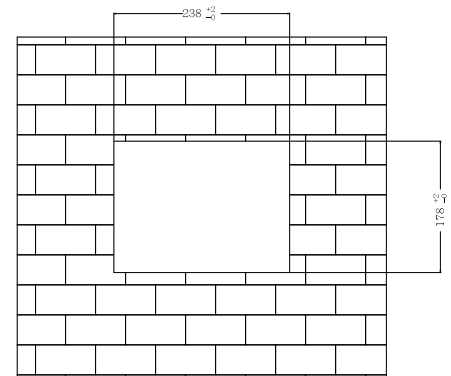
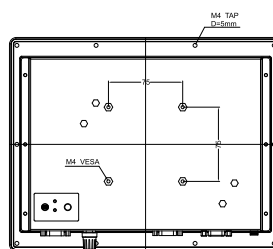


1. DC-IN Power Jack
2. VGA Out
3. USB
4. RS-232/422/485
5. RJ-45
6. Dimming Knob
7. RS-232



SIDE VIEW

BACK VIEW



**CUT OUT**

Measurements shown in mm  
All Dimensions are ± 0.5 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 : Intel® Atom™ Dual Core D2550 1.86GHz Processor
- Memory Slot : 1 x SODIMM, Max 4GB DDR3 1600/1333
- System Chipset : Intel® NM10
- IDE/SATA : 2 x SATA
- LAN : Dual Broadcom BCM57780 GbE controller

### Accessories:

- External Power Supply 50W w/power cord

### Input / Output :

- Serial Ports : 1 x RS232, 1 x RS232/422/485
  - USB Ports : 2 x USB
  - Ethernet : 2 x RJ45-10/100/1000
  - VGA : 1 x VGA
  - Power Input : 1 x DC-IN Power Jack
- Default setting: RS232

### Panel Spec:

- Size/Type : 8.4" TFT
- Resolutions : 800x600
- Brightness : 600 (typ.)
- Contrast Ratio : 600: 1 (typ.)
- Viewing Angle : -75~75(H); -60~70(V)
- Max Colors : 16.2M(8bits/color)

### Environment Considerations:

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

### Expansion Slots:

- 1 x Mini PCIe slot (for wireless module)
  - 1 x Mini PCIe slot (for SATA SSD)
- \* A customized housing is needed if you would like to have the PCI expansion.

### Order Options:

|   |  |
|---|--|
| Mechanical : Open Frame<br>Panel Mount (8mm bezel)<br>IP65 (8mm bezel)<br>Chassis | RAM : SODIMM DDR3<br>1600/1333 Max 4GB                         |
| Touch : 4 Wires Resistive(Optional)   | OS : Windows 7 embedded /<br>Windows XP embedded<br>(Optional) |

### Power Specifications:

- Power Input : 12V DC-IN Power input
- Power Consumption : 35W (typ.)(Max.backlight & high CPU load)



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

Business Hours: Monday - Friday 8.30am - 6.15pm