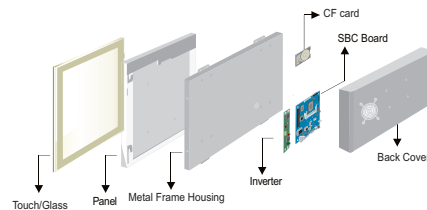


# R08ID3S-0FU1 8.4" Panel PC (Intel® Atom Dual Core D2550+NM10 Platform)

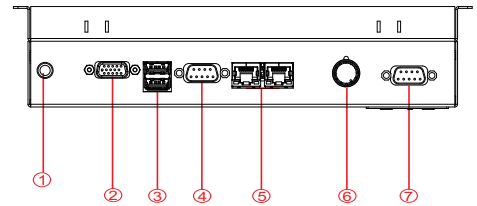
## Mechanical Design



Open Frame

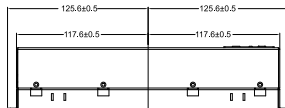


Modularized Construction

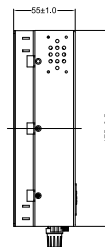


1. DC-IN Power Jack
2. VGA Out
3. USB
4. RS-232/422/485
5. RJ-45
6. Dimming Knob
7. RS-232

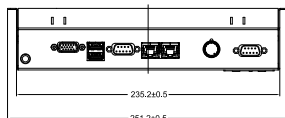
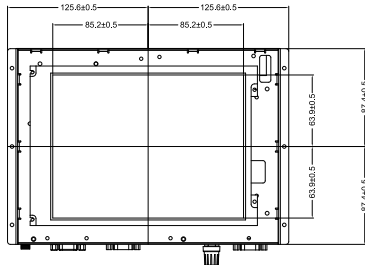
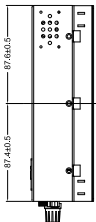
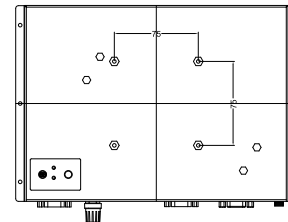
FRONT VIEW



SIDE VIEW



BACK VIEW



BOTTOM VIEW

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

### 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

### 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.

### Power Specifications :

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

### Accessories :

- External Power Supply 50W w/power cord

### 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)

### Order Options :

Mechanical : Open Frame Panel Mount (5mm bezel) IP65 (10mm bezel) Chassis	RAM : SODIMM DDR3 1600/1333 Max 4GB
Touch : 4 Wires Resistive(Optional)	OS : Windows 7 embedded / Windows XP embedded (Optional)



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09-May-2016 V1.4

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