

# R10ID7T-OFT2PS 10.4" Panel PC (Atom Dual Core D2550)

Mechanical Design



Open Frame



PCI Input

106.68 mm



175.26 mm

## Feature :

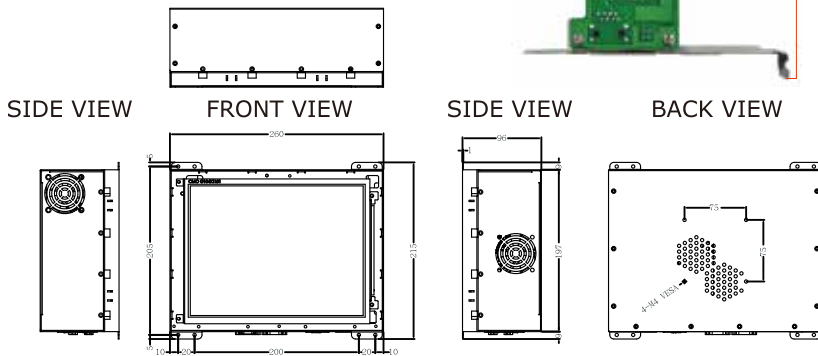
- Designed for one PCI Slot
- No convex part on IO side edge
- Only Support half-size PCI Card  
15.24 x 175.26 x 106.68 mm



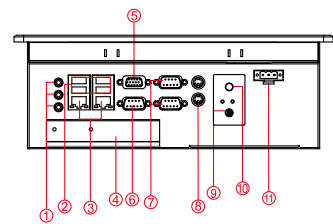
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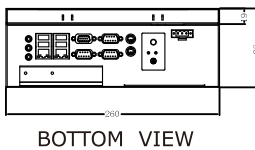
## Mechanical design :



## Fully Integrated I/O



- |                         |                              |
|-------------------------|------------------------------|
| 1. Audio Jack           | 7. RS-232 Conn.              |
| 2. USB                  | 8. PS/2                      |
| 3. RJ-45                | 9. Power On Button           |
| 4. PCI Card Slot        | 10. Power Reset Button       |
| 5. VGA Out              | 11. 12V DC-in Terminal Block |
| 6. RS-232/422/485 Conn. | 11. (Phoenix type)           |



BOTTOM VIEW

- ★ Total Dimension ( L x H x D ) : 260 x 215 x 96 mm
- ★ Measurements shown in mm
- ★ Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1 mm
- ★ 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 : Intel®Atom Dual Core D2550 1.86 GHz
- Memory : 1 x SODIMM Max 4GB DDR3 800/1066
- System Chipset : Intel® NM10
- SATA : 2 x SATA II
- LAN : Dual Broadcom BCM 57780 GbE controller
- Audio Codec : Realtek ACC886 HD Audio Codec

### Panel Spec

- Size/Type : 10.4" TFT
- Resolutions : 1024 x 768
- Brightness : 350 cd/m<sup>2</sup>(typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -88~88(H); -88~88(V)
- Max Colors : 16.2M

### 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 RJ 45-10/100/1000 Mbps
  - VGA : 1 x VGA (female)
- Default setting:RS232

### Environment Considerations

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

### OS BSP / Driver Support

- Support Windows 7 / Windows XP Embedded / Windows XPP Embedded / Linux 3.2.0

### Expansion Slot

- 1 x PCI (15.24 x 175.26 x 106.68 mm)
- \* A customized housing is needed if you would like to have the PCI expansion.

### Power Specifications

- Power Input : Terminal block Phoenix type / 12V DC-in
- Power Consumption : 32W(typ.)(Max. backlight & high CPU load)

### Accessories

- External Adapter : 110~240V Ac-in Power Adapter

### Order Options

- |                                 |   |
|---------------------------------|---|
| Mechanical : Panel Mount / IP65 | Storage : 2.5" HDD/2.5"SDD  |
| Touch : Resistive               | RAM : DDR3 800/1066<br>Max 4GB  |
|                                 | OS : Windows XP/E (Optional)<br>Windows XPPE (Optional)<br>Windows 7 (Optional)<br>Linux (Optional) |

(Acustomized housing is needed if you have demands of SAW/IR/IT/SC touch)

