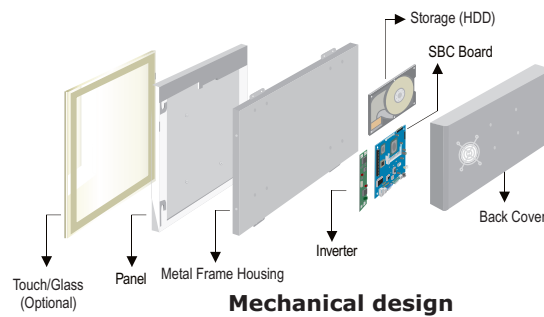


# R19ID7T-OFA1 19" Panel PC (Intel® Atom Dual Core D2550+NM10 Platform)

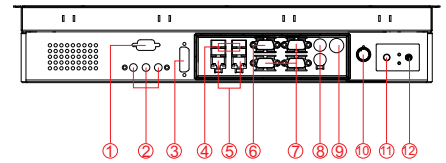
## Mechanical Design



Open Frame

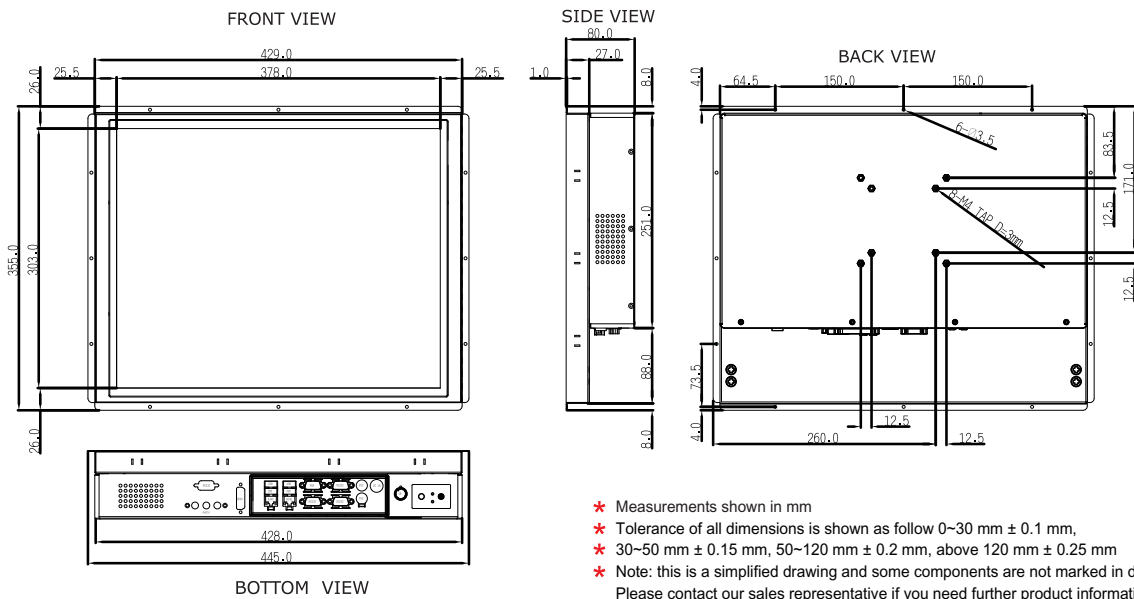


Mechanical design



1. RS-232 Conn. (Optional)
2. Audio Jack
3. DVI (Optional)
4. USB
5. LAN
6. VGA
7. RS-232 Conn.
8. PS/2
9. 12V DC-in
10. Brightness Adjustment Knob
11. Power On Button
12. Power Reset Button

## Dimensions



- \* 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.

## Fully Integrated I/O

## Specifications

### System :

- CPU : Intel® Atom Dual Core D2550 1.86GHz Processor
- Memory Slot : DDR3 1600 MHz SO-DIMM Slot, Max. 4GB
- System Chipset : NM10
- IDE/SATA : 2 x SATA
- LAN : Dual Broadcom BCM57780 GbE controller
- Audio Codec : RealtekALC886HDAudioCodec

### Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
  - USB Ports : 4 x USB Type-A Receptacle
  - Keyboard / Mouse : 2 x PS/2
  - Ethernet : 2 x RJ 45-10/100/1000 Mbps
  - VGA : 1 x VGA (female)
  - Audio : Line-Out, Line-In, Mic in
- Default setting:RS232

### Expansion Slot :

- 2 x Mini PCIe (1 for WiFi, 1 for 3G Module), 1 x PCI
- \* A customized housing is needed if you would like to have the PCI expansion.

### Power Specifications :

- Power Input : 12V DC IN
- Power Consumption : 60W (typ.)(Max.backlight & high CPU load)

### Accessories :

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

### Panel Spec :

- Size/Type : 19" TFT
- Resolutions : 1280 x 1024
- Brightness : 400 cd/m<sup>2</sup>(typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angle : -85~85(H);-80~80(V)
- Max. Colors : 16.7M (8 bits/colors)

### Environment Considerations :

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

### OS BSP / Driver Support :

- Support Windows 7 embedded / Windows XP embedded

### Order Options :

Mechanical : Open Frame	Storage : 3.5" HDD/ 2.5"SSD
Panel Mount(8 mm bezel)	RAM : DDR3 1600 Max 4GB
IP65(8 mm bezel)	OS : Windows 7 embedded /
Touch : 5 Wires Resistive(Optional)	Windows XP embedded
(A customized housing is needed if you have demands of SAW/IR/SC touch)	(Optional)