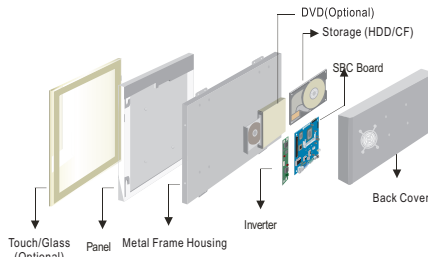


# R17IB7T-OFM1 17" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

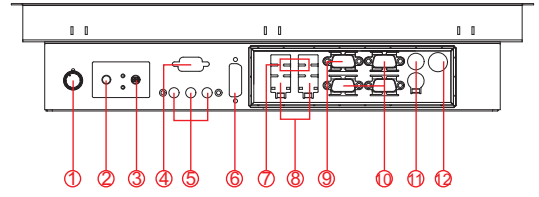
## Mechanical Design



Open Frame

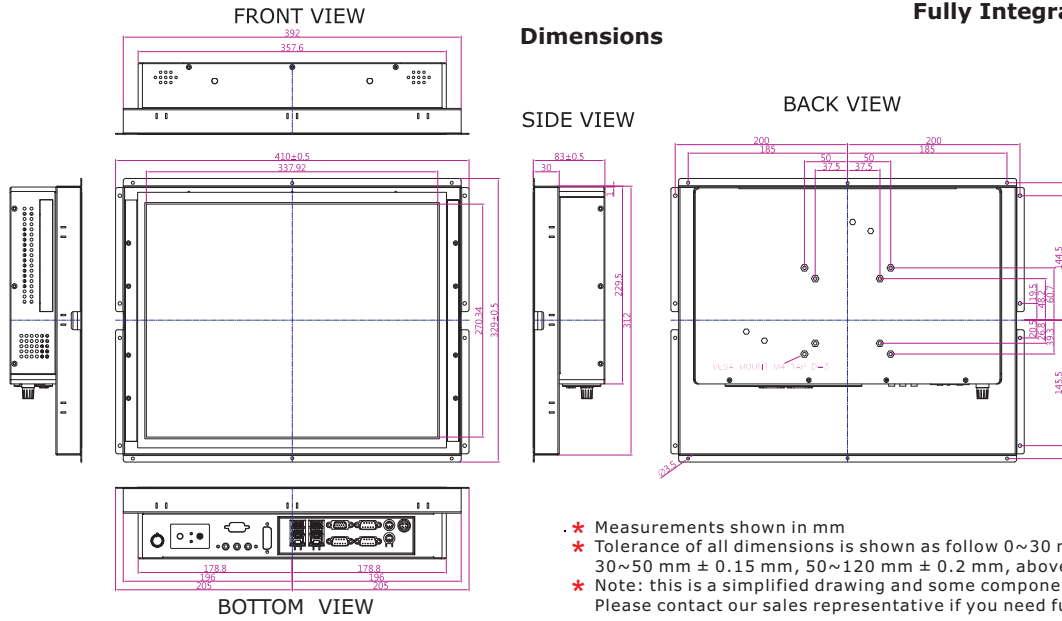


Modularized Construction



- |                               |                          |
|-------------------------------|--------------------------|
| 1. Brightness Adjustment Knob | 7. USB(1 x 3.0, 3 x 2.0) |
| 2. Power On Button            | 8. LAN                   |
| 3. Power Reset Button         | 9. VGA                   |
| 4. RS-232 Conn. (Optional)    | 10. RS-232 Conn.         |
| 5. Audio Jack                 | 11. PS/2                 |
| 6. DVI (Optional)             | 12. DC-in Power          |

Fully Integrated I/O



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.

## Specifications

### System :

- CPU : Intel® Celeron Bay Trial-M N2930 1.83GHz
- Memory Slot : DDR3L -1066 MHz SO-DIMM x 2 Slot (MAX to 8GB)
- System Chipset : Intel Atom SoC Integrated
- IDE/SATA : 1 x SATA II
- LAN : Intel WG82574L GbE LANx2
- Audio Codec : Realtek ALC886 HD Audio Codec

### Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
- USB Ports : 1 x USB 3.0, 3 x USB 2.0
- Keyboard / Mouse : 2 x PS/2
- Ethernet : 2 x RJ45-10/100/1000 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 eDP by 2x10 DF-13 connector
- \* 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 : 65W (typ.)(Max.backlight & high CPU load)

### Accessories :

- External Power Supply 120W w/power cord

### Panel Spec :

- Size/Type : 17" TFT
- Resolutions : 1280 x 1024
- Brightness : 300 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angle : -85~85(H);-80~80(V)
- Max. Colors : 16.7M (6bits+FRG)

### Environment Considerations :

- Operating Temperature : 0 deg.C to 45 deg.C
- Operating Humidity : 30% to 90% (non condensing)

### OS BSP / Driver Support :

- Support Windows embedded 8 / Windows embedded 7

### Order Options :

Mechanical : Open Frame	Storage : 2.5" HDD/ mSATA SSD
Panel Mount(8 mm bezel)	RAM : DDR3 1066 Max 8GB
IP65(8 mm bezel)	OS : Windows 7 embedded /
Touch : 5-Wires Resistive(Optional)	Windows 8 embedded
AR Glass(Optional)	(Optional)

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



Rev.	Reasons	Revised Date
1.0	First release	Apr-01-14
1.1	change drawing	Apr-17-14