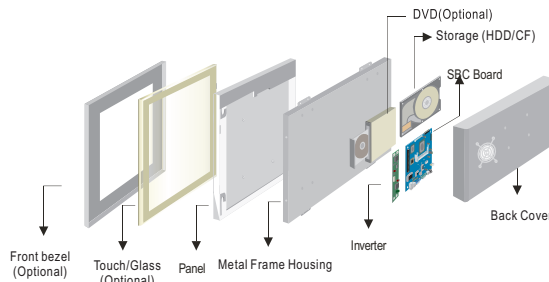


R19IB7T-PMA1 19" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

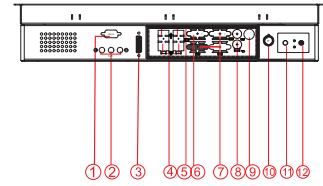
Mechanical Design



Panel Mount (8 mm front bezel)

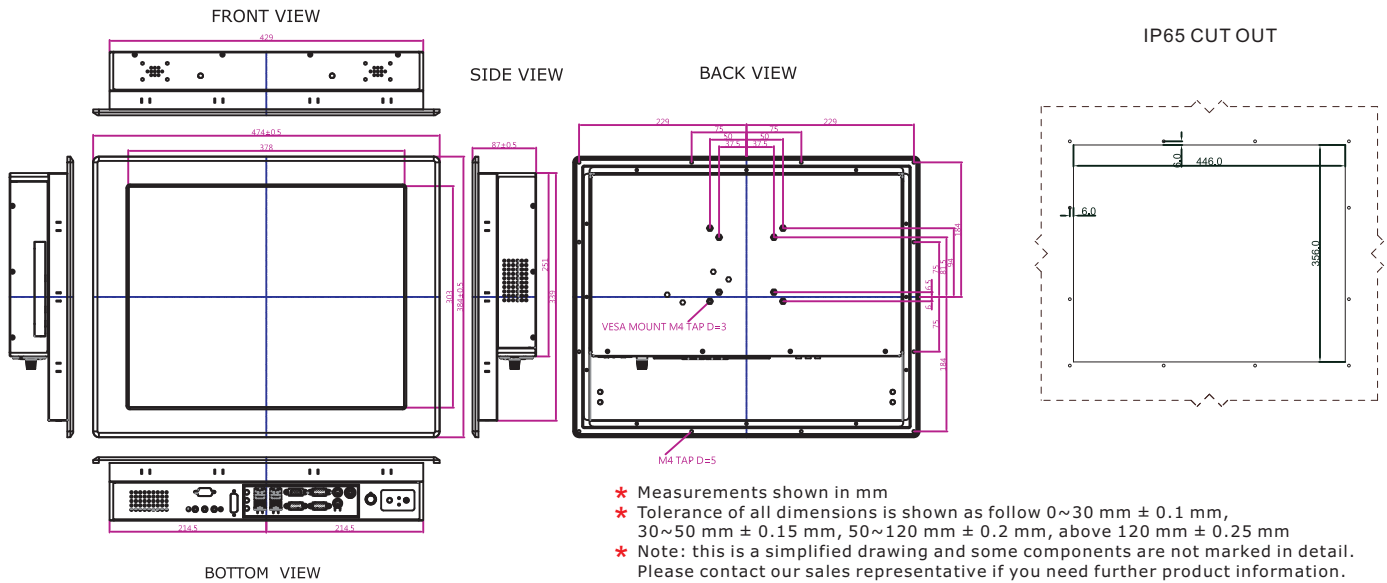


Mechanical design
Dimensions



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

Fully Integrated I/O



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

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 57W (typ.)(Max.backlight & high CPU load)

Accessories :

- External Adapter : 110~230V Ac-in 12V DC-output Power Adapter

Panel Spec :

- Size/Type : 19" TFT
- Resolutions : 1280 x 1024
- Brightness : 400 cd/m² (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 45 deg.C
- Operating Humidity : 30% to 90% (non condensing)

OS BSP / Driver Support :

- Support Windows embedded 8 / Windows embedded 7

Order Options :

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

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



Rev.	Reasons	Revised Date
1.0	First release	May-05-14

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

Revised Date:05/05/2014