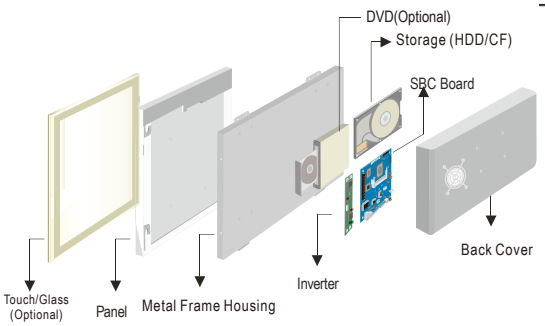
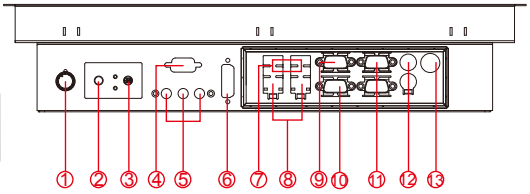
R17IB7T-OFM1 17" Panel PC (Intel Celeron Bay Trial-M N2930 1.83GHz)

Mechanical Design

Open Frame

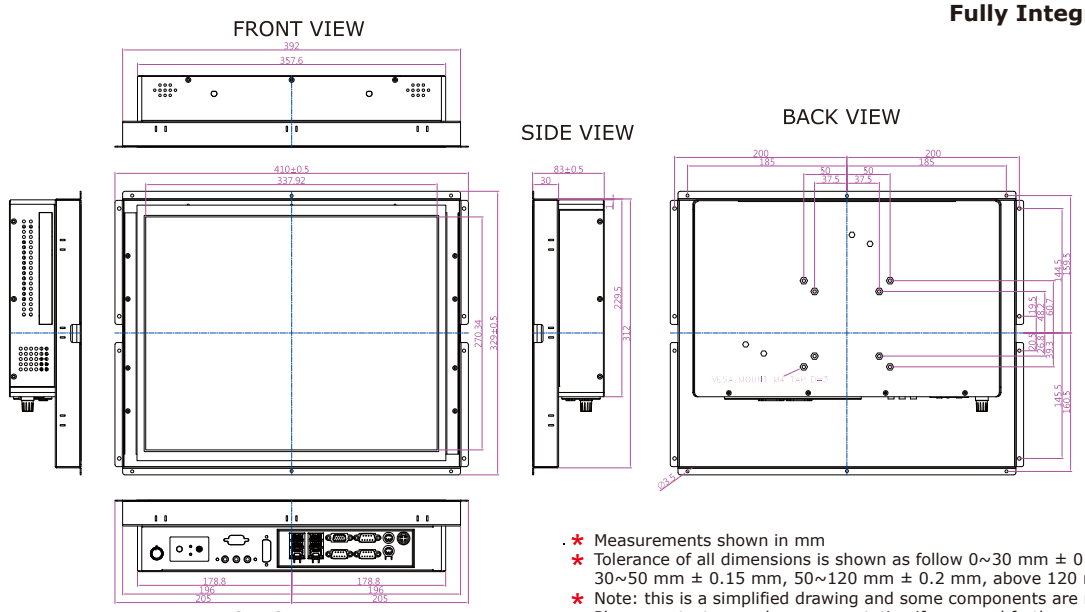


Modularized Construction



1. Brightness Adjustment Knob
2. Power On Button
3. Power Reset Button
4. RS-232 Conn. (Optional)
5. Audio Jack
6. DVI (Optional)
7. USB(1 x 3.0, 3 x 2.0)
8. LAN
9. VGA
10. RS232/422/485 Conn
11. RS-232 Conn.
12. PS/2
13. 12V DC-in

Fully Integrated I/O



* 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	:	SODIMM DDR3L1600/1333max.8G
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
Power Consumption	:	65W (typ.)(Max.backlight & high CPU load)

Accessories :

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

Panel Spec :

Size/Type	:	17" TFT
Resolutions	:	1280 x 1024
Brightness	:	350 nits (Optional 400 nits)
Contrast Ratio	:	1000 : 1(typ.)
Viewing Angle	:	-85~85(H);-80~80(V)
Max. Colors	:	16.7M (6bits+FRC)

Environment Considerations :

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

OS BSP / Driver Support :

- Support Windows 10 IoT Enterprise / Windows embedded 8 / Windows embedded 7

Security Support

- Trusted Platform Module (TPM 1.2)

Order Options :

Mechanical	:	Open Frame Panel Mount(8 mm bezel) IP65(8 mm bezel)	Storage	: 2.5" HDD/ mSATA SSD
			RAM	: SODIMMDDR3L 1600/1333max.8G
Touch	:	5-Wires Resistive(Optional) AR Glass(Optional)	OS	: Windows 10 IoT Enterprise Windows 8 embedded / Windoes 7 embedded (Optional)
		(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)		

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