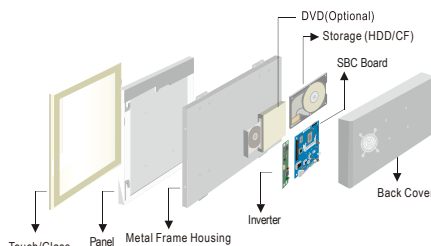# R17IV7T-OFM1   *17" Panel PC*   (Intel® 3rd Generation Core™ i7/i5/i3)
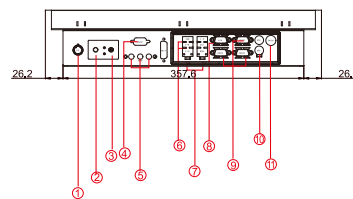
Mechanical Design
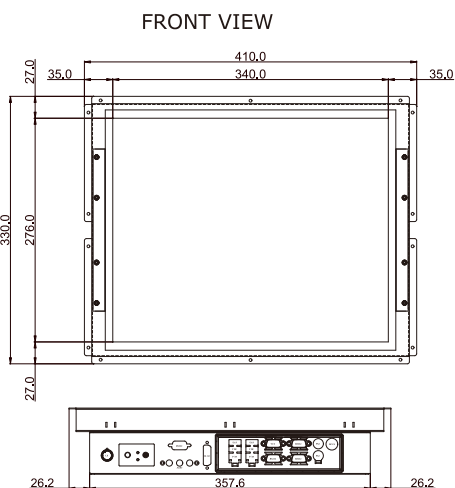

Open Frame

Modularized Construction

DVD(Optional)
Storage (HDD/CF)
SBC Board

Touch/Glass (Optional)
Panel   Metal Frame Housing
Inverter
Back Cover
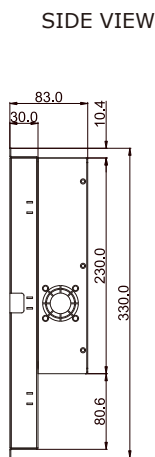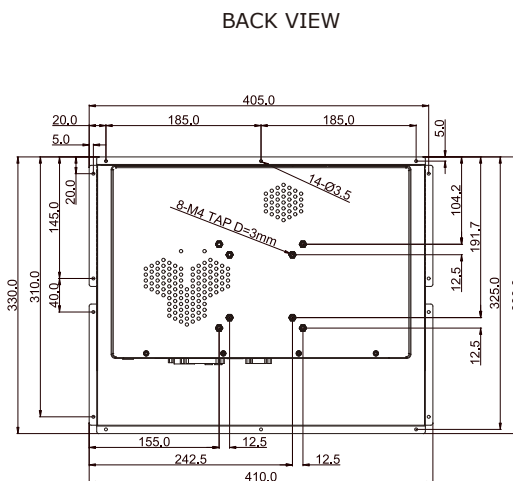
1. Power On Button
2. Brightness Adjustment Knob
3. Power Reset Button
4. RS-232 Conn.(Optional)
5. Audio JACK
6. USB
7. RJ-45
8. VGA OuT
9. RS-232 Conn.
10. PS/2
11. 12V DC IN

FRONT VIEW

SIDE VIEW

BACK VIEW

BOTTOM VIEW

* 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® 3rd Generation CoreTM i7/i5/i3
- Memory   : 2 x SO-DIMM, Max 16GB DDR3L 13333/1600
- System Chipset : Intel® HM76 Chipset
- Storage   : 1 x SATAIII, 1 x SATAII, 1 x mSATA
- LAN   : Dual Broadcom BCM57780 GbE
- Audio Codec   : Realtek ALC886 HD Audio Codec

Panel Spec:

- Size/Type   : 17" TFT
- Resolutions   : 1280 x 1024
- Brightness   : 350 cd/m² (typ.)
- Contrast Ratio : 1000 : 1(typ.)
- Viewing Angles : -85~85(H);-80~80(V)
- Max Colors   : 16.7M (6bits+FRC)

Input / Output:

- Serial Ports : 2 x RS232, 1 x RS232/422/485
- USB Ports   : 4 x USB3.0
- 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

Environment Considerations:

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

OS BSP / Driver Support:

- Support   Windows XP Embedded / Windows 7 Embedded / Windows 8 Embedded / Windows 10 IoT Enterprise

Expansion Slot:

- 1 x PCI-E(x16), 2 x Mini PCI-E

  * A customized housing is needed if you would like to have the PCI expansion.

Order Options:

Mechanical :	Open Frame	Storage	: **2.5"HDD/mSATA SSD**
	IP65(8 mm bezel)	RAM	: SO-DIMM DDR3L 1600
Touch	: 5 Wires Resistive(Optional)	OS	: Windows XP Embedded
			Windows 7 Embedded
			Windows 8 Embedded
(A customized housing is needed if you have demands of SAW/IR/SC/IT touch)			Windows 10 IoT Enterprise
		DVD	: Yes(Optional)

Power Specifications:

- Power Input   : 12V DC IN
- Power Consumption : 95W (typ.)(Max.backlight & high CPU load)

Accessories:

- External Power Supply 110~240V AC-in power adapter

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date: 06/17/2016 V1.2

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