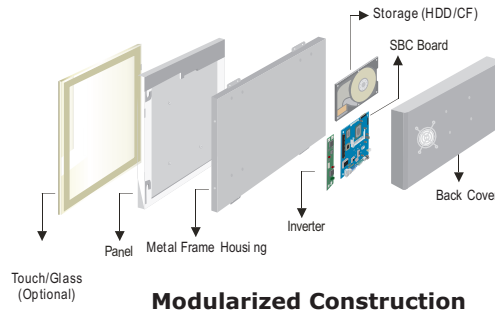


R12IV7T-OFL1 12.1" Panel PC (Intel® 3rd Generation Core™ i7 / i5 / i3)

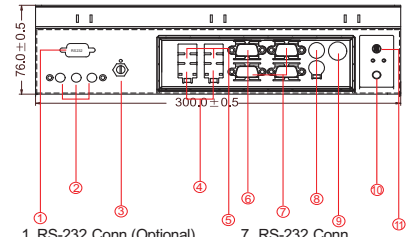
Mechanical Design



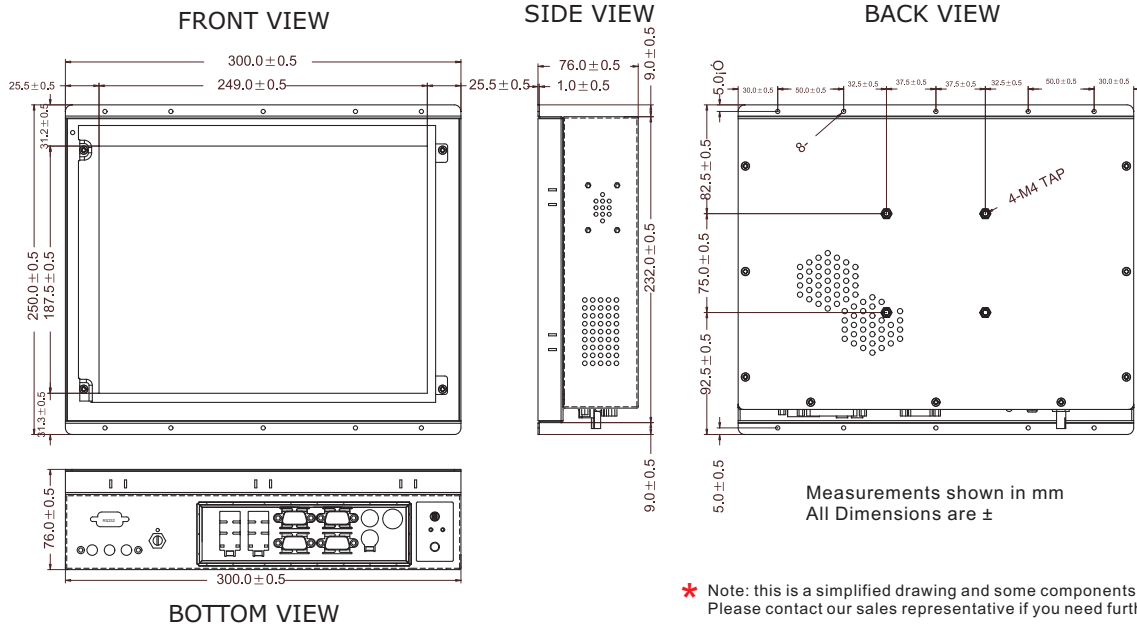
Open Frame



Modularized Construction



1. RS-232 Conn. (Optional)
2. Audio Jack
3. Brightness Adjustment Knob
4. RJ-45
5. USB
6. VGA Out
7. RS-232 Conn.
8. PS/2
9. DC-IN Lockable Power Jack
10. Power On Button
11. Power Reset Button



* 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 Core™ i7/i5/i3
- Memory : 2 x SO-DIMM, Max 16GB DDR3 1333/1600
- 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 : 12.1" TFT
- Resolutions : 800 x 600
- Brightness : 450 cd/m² (typ.)
- Contrast Ratio : 700 : 1 (typ.)
- Viewing Angles : -80~80(H); -75~65(V)
- Max Colors : 16.2M

Input / Output :

- Serial Ports : 2 x RS232, 1 x RS232/422/485
- USB Ports : 4 x USB 3.0
- 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°C to 50°C
- Operating Humidity : 30% to 90% (non condensing)

Order Options :

Mechanical : Open Frame	CPU : Check with Sales
Panel Mount(5 mm bezel)	Storage : 2.5" HDD/SSD/CF
IP65(10 mm bezel)	RAM : SODIMM DDR3
Chassis	OS : Windows 10 IoT Enterprise
Touch : 5-Wires Resistive(Optional)	Windows XP Embedded
Anti-Reflective Protective Glass	Windows 7 Embedded
(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)	Windows 8 Embedded

Expansion Slot :

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

Power Specifications :

- Power Input : 12V DC IN (Lockable Power Jack)
- Power Consumption : 87W(typ.)(Max.backlight & high CPU load)

Accessories :

- External Power Supply 110~230V AC-in power adapter

