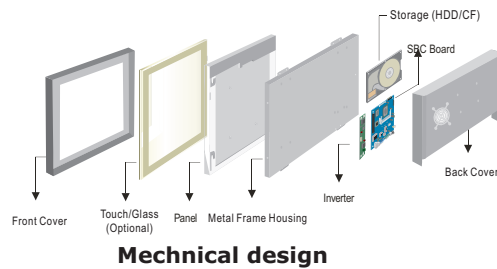


R12IV7T-CHM2 12.1" Panel PC (Intel® 3rd Generation Core™ i7 / i5 / i3)

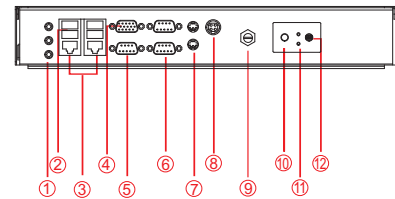
Mechanical Design



Chassis



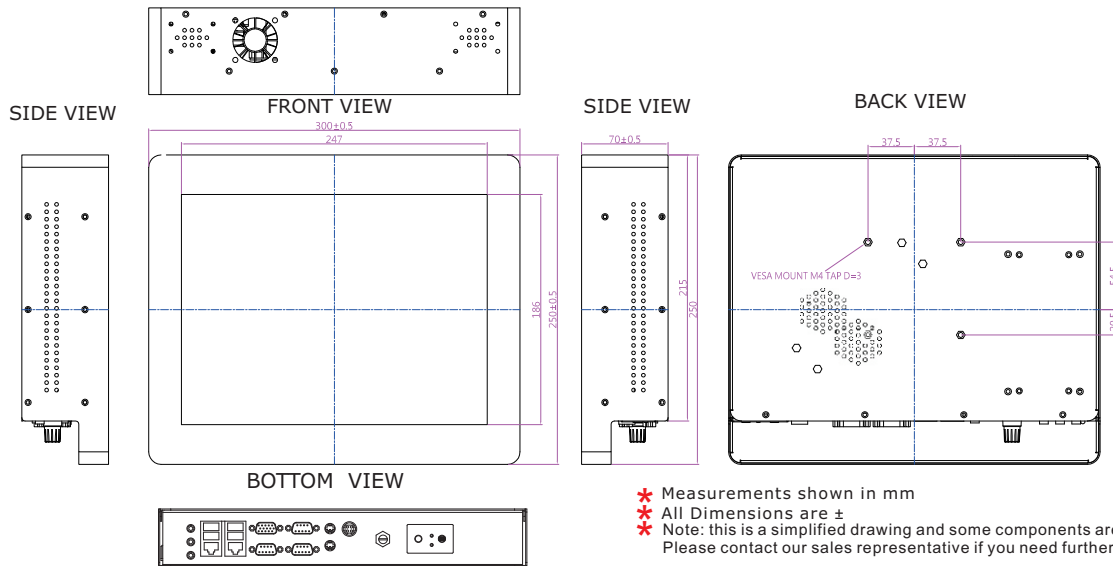
Mechanical design



- | | |
|-------------------------|-------------------------------|
| 1. Audio Jack | 7. PS/2 |
| 2. USB | 8. DC IN Power Jack |
| 3. RJ-45 | 9. Brightness Adjustment Knob |
| 4. VGA Out | 10. Power / HDD LED |
| 5. RS-232/422/485 Conn. | 11. Power On Button |
| 6. RS-232 Conn. | 12. Power Reset Button |

Fully Integrated I/O

Dimensions



- * Measurements shown in mm
- * All Dimensions are ±
- * 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 : 1024 x 768
- Brightness : 500 cd/m² (typ.)
- Contrast Ratio : 700 : 1 (typ.)
- Viewing Angle : -80~80(H); -70~70(V)
- Max. Colors : 16.2M colors

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

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

Order Options :

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



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