

# R15IV7T-PMC3PS 15" Panel PC (Intel® 3<sup>rd</sup> Generation Core™ i7/i5/i3)

Mechanical Design

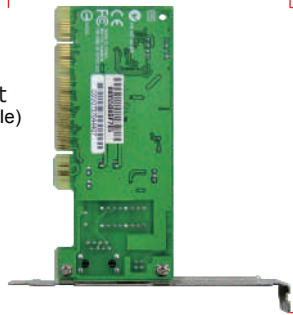


Panel Mount (5mm front bezel)



106.68 mm

PCI Input  
(Optional PCIe)

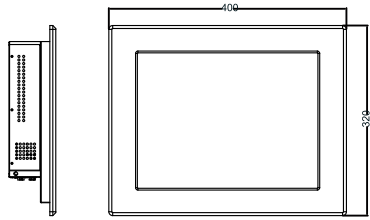
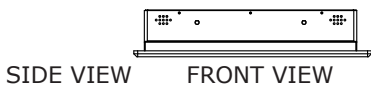


175.26 mm

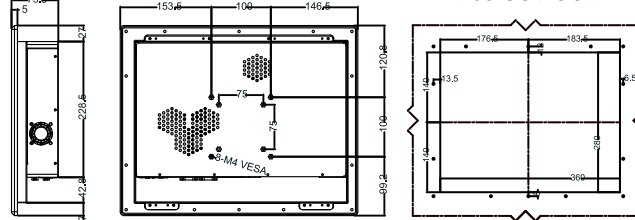
## Feature :

- Designed for one PCI Slot (Optional PCIe)
- No convex part on IO side edge
- Only Support half-size PCI Card  
15.24 x 175.26 x 106.68 mm

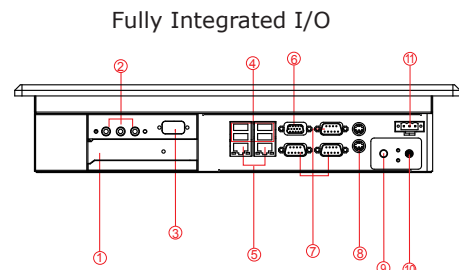
## Mechanical design :



BOTTOM VIEW



IP65 CUT OUT



Fully Integrated I/O

1. PCI Card Slot (Optional PCIe)
2. Audio Jack
3. RS-232 Conn.(Optional)
4. USB
5. RJ-45
6. VGA Out
7. RS-232 Conn.
8. PS/2
9. Power Reset Button
10. Power On Button
11. 12V DC-in Terminal Block (Phoenix Type)

- \* Total Dimension ( L x W x H ) : 400 x 320 x 73.8 mm
- \* Cutout Dimension ( L x H ): 360 x 280 mm
- \* 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® 3<sup>rd</sup> Generation Core™ i7/i5/i3
- Memory : 2 x SO-DIMM, Max 16GB DDR3L 1333/1600
- System Chipset : Intel® HM76 Chipset
- Storage : 1 x SATA III, 1 x SATA II, 1 x mSATA
- LAN : Dual Broadcom BCM 57780 GbE
- Audio Codec : Realtek ALC886 HD Audio Codec

### Panel Spec

- Size/Type : 15" TFT
- Resolutions : 1024 x 768
- Brightness : 250 cd/m<sup>2</sup> (typ.)
- Contrast Ratio : 500 : 1 (typ.)
- Viewing Angles : -70~70(H); -60~60(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)
- Default setting: RS232

### Environment Considerations :

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

### Expansion Slot :

- 1 x PCI (15.24 x 175.26 x 106.68 mm) (Optional PCIe)

### Power Specifications

- Power Input : Terminal block Phoenix type / 12V DC-in
- Power Consumption : 87W (typ.)(Max. backlight & high CPU load)

### Accessories

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

### Order Options :

Mechanical : Panel Mount  
(5 mm bezel)  
Touch : Resistive

Storage : 2.5" HDD/ mSATA SSD  
RAM : DDR3L 1333/1600  
Max 16GB  
OS : Windows Embedded Standard 7  
Windows 7 Pro for Embedded  
Windows Embedded 8  
Windows Embedded 8.1 Industry Pro  
Windows 10 IoT Enterprise

Anti-Reflective Protective Glass  
(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)

