

R17IV7T-OFM1PS 17" Panel PC (Intel® 3rd Generation Core™ i7/i5/i3)

Mechanical Design



Open Frame



106.68 mm

PCI Input
(Optional PCIe)



175.26 mm

Feature :

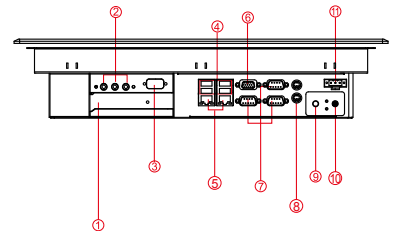
- Designed for one PCI Slot (Optional PCIe)
- No convex part on IO side edge
- Only Support half-size PCI Card
15.24 x 175.26 x 106.68 mm



SCIGATE AUTOMATION (S) PTE LTD

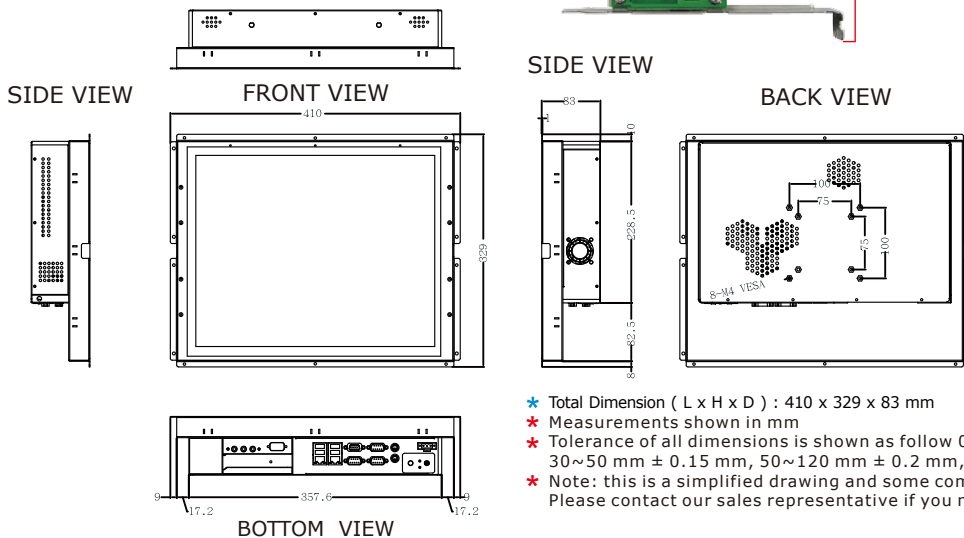
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Fully Integrated I/O



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)

Mechanical design :



★ Total Dimension (L x H x D) : 410 x 329 x 83 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® 3rd 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 : 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 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
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/SC touch)

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 : 95W (typ.)(Max. backlight & high CPU load)

Accessories :

- External Adapter : 110~240V Ac-in power adapter



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

Revised date: 28-Nov-2017 V1.1