

R19ID7T-0FM1PS 19" Panel PC (Intel® Atom Dual Core D2550)

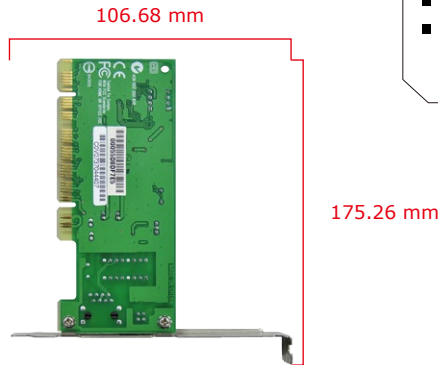
Mechanical Design



Open Frame



PCI Input



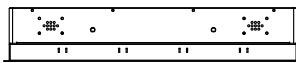
Feature :

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



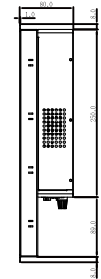
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Fully Integrated I/O

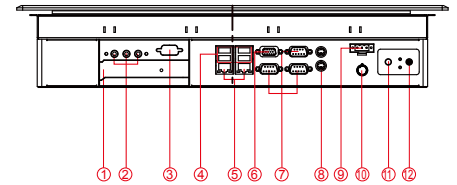
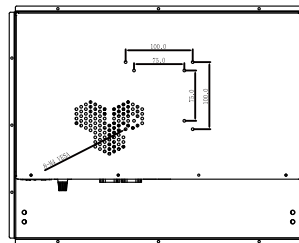


FRONT VIEW

SIDE VIEW



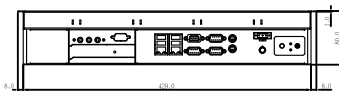
BACK VIEW



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

- * Total Dimension (L x H x D) : 445 x 355 x 80 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.

SIDE VIEW



BOTTOM VIEW

Specifications

System :

- CPU : Intel® Atom Dual Core D2550 1.86 GHz
- Memory : 1 x SODIMM Max 4GB DDR3 800/1066
- System Chipset : Intel® NM10
- SATA : 2 x SATA II
- LAN : Dual Broadcom BCM 57780 GbE controller
- Audio Codec : Realtek ACC886 HD Audio Codec

Input / Output :

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

Expansion Slot :

- 1 x PCI (15.24 x 175.26 x 106.68 mm)
* A customized housing is needed if you would like to have the PCI expansion.

Power Specifications :

- Power Input : Terminal block Phoenix type / 12V DC-in
- Power Consumption : 60W (typ.) (Max. backlight & high CPU load)

Accessories :

- External Adapter : 110~230V Ac-in Power Adapter

Panel Spec :

- Size/Type : 19" TFT
- Resolutions : 1280 x 1024
- Brightness : 250 cd/m² (typ.)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -85~85(H); -80~80(V)
- Max Colors : 16.7M (8 bits/colors)

Environment Considerations :

- Operating Temperature : 0 deg.C to 45 deg.C
- Operating Humidity : 30% to 90% (non condensing)

OS BSP / Driver Support :

- Support Windows 7 / Windows XP Embedded / Windows XPP Embedded / Linux 3.2.0

Order Options :

Mechanical : Panel Mount / IP65	Storage : 2.5" HDD/ 2.5" SSD
Touch : Resistive	RAM : DDR3 800/1066 Max 4GB
	OS : Windows XP/E (Optional) Windows XPPE (Optional) Windows 7 (Optional) Linux (Optional)

(A customized housing is needed if you have demands of SAW/IR/IT/SC touch)



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

Revised date: 24-Jun-2016 V1.1