

I570-Rugged BOX PC

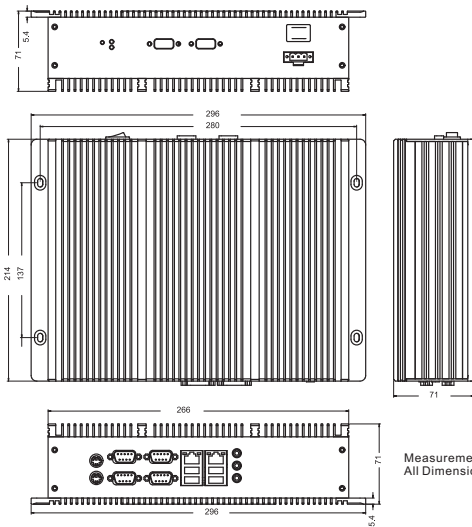
I570EAC with Five Serial Ports
(2 for Isolation), Four USB2.0,
Dual GigaLAN,
Robust Alu.Fin Box PC

Embedded Automation Controller

I570EAC-201

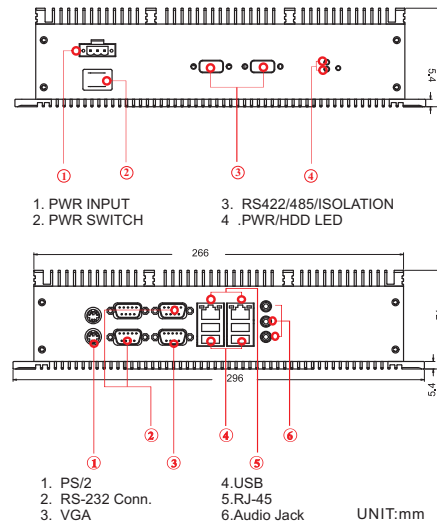


I570EAC-201



Features:

- Design for Industrial Automation, M2M application
- Onboard Pentium M 1.4GHz/ Celeron M 1.0 GHz Processor
- 1 x DIMM, Max 1GB DDR 333
- 3x RS232 Serial Ports
- 2x RS422/485 Serial Ports with Isolation Protection
- 2x Giga LAN, 4x USB, 1x VGA, Line in, Line out, Micro in, PS/2 for Keyboard&Mouse
- Fanless, High Efficiency Thermal Design w/ sealed construction
- 800V DC Power Isolation Resistance



* 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.

System Specification

- Processor** : Intel®Pentium M 1.4GHz / Celeron® M 1.0 GHz Processor
- BIOS** : Award 4Mbit Flash
- System Chipset** : Intel® 855GME / ICH4M Chipset
- System Memory** : 1 x DIM,Max 1GB DDR 333(1GB Default)
- Graphic Interface** : Integrated in Intel 855GME
- Graphic Memory** : Shared momery, max. 64MB
- Ethernet Controller** : Dual Realtek RTL8110SCL GigaLAN
- Serial** : 3 x RS-232(1 as Internal)
1 x RS-232/422/485(select by jumper)
2 x RS422/485
- USB** : 6 x USB ports, USB 2.0 compliant (2xUSB Internal)
- SDD Interface** : 1 x Type I/II CF socket
- Watchdog Timer** : 256 levels
- Storage** : 1 x 2.5" 80 GB HDD

Mechanical and Power

- Dimensions (L x W x H)** : 296mm x 214mm x 71 mm
- Construction** : Aluminum housing
- Power Input** : +24V DC In with 800V DC Isolation
Resistance(+9~36V DC Input Acceptable)
- Power source range** : Typical 40 W power consumption
- Mounting** : VESA / Wall-mount / Desktop

I/O Connectors

- Front Side I/O** : 1 x 3 pin Power Input w/ Phoniex type Terminal Block
: 1 x Power Switch On/Off
: 1 x Reset Button
: 2 x Isolated RS422/485 auto-detected with Indicator
- Back Side I/O** : 2 x PS/2 for Keyboard & Mouse
: 3 x RS232(1x RS422/485 by Jumper)
: 2 x RJ-45 GigaLAN
: 4 x USB2.0
: 1 x Mic in, Line out, Line in Jack

Environment Considerations

- Operating Temperature** :-10 to 55 deg.C
- Operating Humidity** :5% to 95% (non condensing)
- Anti-Vibration** :5Hz~500Hz / 1Grms/3 Axis
- Anti Shock** :15G, 11ms duration

Ordering Information (optional)

- Storage** : 40GB Automobile HDD
4GB SDD
4GB Industrial Grade CF

Certification and Approvals

- IEC 60945, DNV 2.4, IACS-E10
- DNV Type Approval, CE, FCC



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

Revised Date:2/23/2010



Rev.	Reasons	Revised Date
1.1	Add DNV logo	Jan-08-09
1.2	Spec change	Feb-23-10
1.3	Spec change	Mar-26-12

Assured Systems

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