

I570-Rugged BOX PC

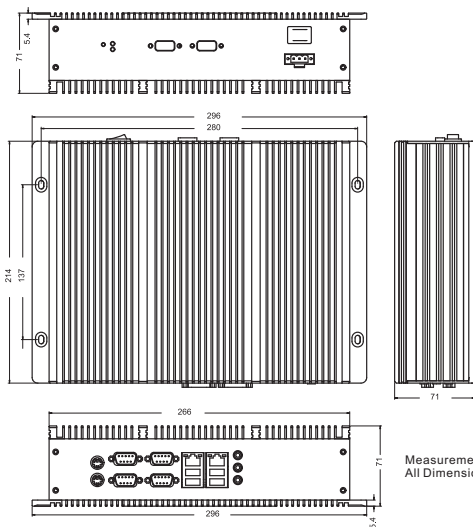
Embedded Automation Controller

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

I570EAC-201



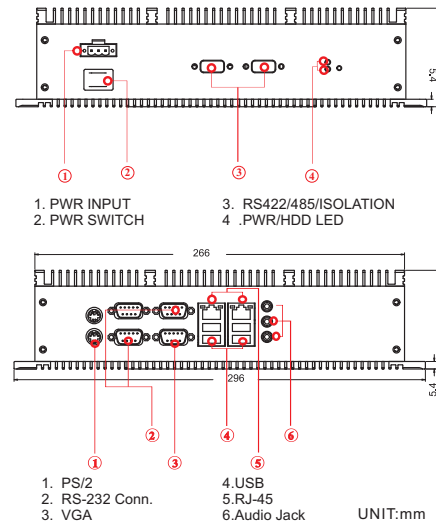
I570EAC-201



Measurements shown in mm
All Dimensions are ± 0.5 mm

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

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

Revised Date:2/23/2010

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
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Certification and Approvals

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



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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