

I330-Rugged BOX PC

I330EAC with Four Isolation
Serial Ports, Digital I/O, GigaLAN
Robust Alu.Fim Box PC.

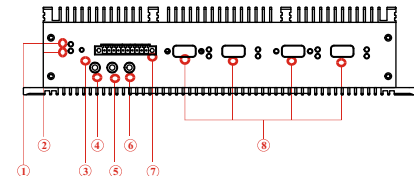
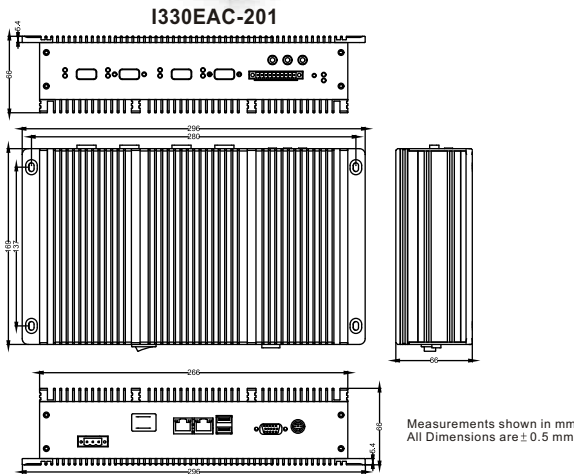
Embedded Automation Controller

I330EAC-201

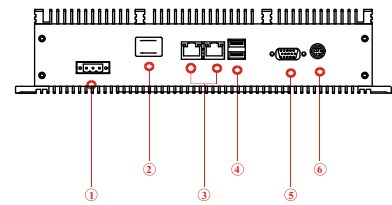


Features:

- Design for Industrial Automation, M2M application
- Onboard Core 2 Duo 1.06GHz/ Core Duo 1.2GHz/ Celeron M 1.2/1.06GHz
- 1 x DDR2 SODIMM, max. 2GB
- 4 x RS422 / 485 communication with isolation protection
- Support 4 x Digital Input / 4 x Digital Output
- 2x Giga LAN, 2x USB, 1x VGA, Line in, Line out, Micro In
- Fanless, High efficiency thermal design w/ sealed construction
- 1500V DC power isolation resistance



1. PWR LED
2. HDD LED
3. .RESET
4. LINE IN
5. LINE OUT
6. MIC IN
7. 7.8 x GPIO
8. RS422/485/ISOLATION



1. PWR INPUT
 2. PWR SWITCH
 3. LAN
 4. USB
 5. VGA
 6. PS/2
- UNIT: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.

System Specification

Processor	: Intel® Core 2 Duo ULV 1.06GHz, Core Duo ULV 1.2GHz, Celeron M ULV 1.2/1.06GHz
BIOS	: Award 4Mbit Flash
System Chipset	: Intel 945GME / ICH7M Chipset
System Memory	: 1 x SODIMM, Max 2GB DDR2667/533 (1GB Default)
Watchdog Timer	: 256 levels
Graphic Interface	: Integrated in Intel 945GME, LVDS/CRT
Graphic Memory	: Shared memory, max. 224MB
Ethernet Controller	: Dual Realtek RTL8111B GigaLAN
USB	: 4 x USB ports, USB 2.0 compliant (2xUSB Internal)
SDD Interface	: 1 x Type I/ICF socket
Storage	: 1 x 80 GB HDD

Mechanical and Power

Dimensions (L x W x H)	: 296mm x 169mm x 66mm
Construction	: Aluminum housing
Power Input	: +24V DC In with 1500VDC Isolation Resistance(+9~36V DC Input Acceptable)
Power source range	: Typical 60 W power consumption
Mounting	: VESA / Wall-mount / Din Rail Mount / Desktop

I/O Connectors

Front Side I/O	: 1 x Reset Button : 1 x Microin , Line out , Line in Jack : 4 x Digital Input & 4 x Digital Output w/ Phoniex type TermianlBlock : 4 x Isolated RS422/485 auto-detect with LED Indicator(Non Isolated RS232 by jumper)
Back Side I/O	: 1 x 3pin Power Input w/ Phoniex type TermianlBlock : 1 x PowerSwitch On /Off : 2 x RJ-45(Giga LAN) : 1x VGA : 1 x PS/2

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.
Mounting Kit	: Din Rail Mounting Kit w/ screws

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:12/22/2008



Rev.	Reasons	Revised Date
1.0	Spec Change	Dec-22-08
1.1	Add DNV logo	Jan-08-09
1.2	Add Spec	Feb-12-09

