

I330-Rugged BOX PC

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

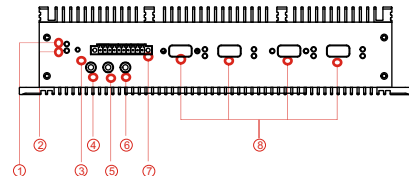
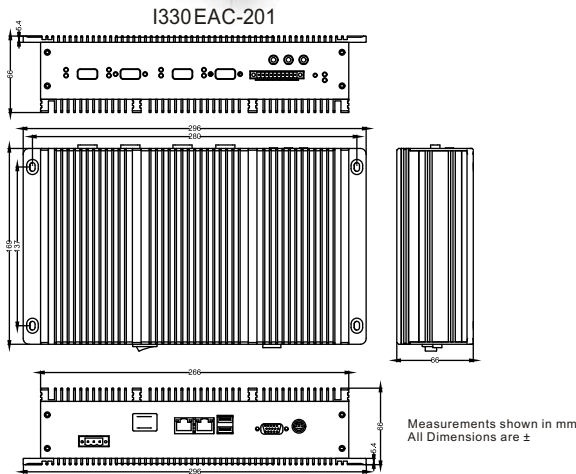
Embedded Automation Controller

I330EAC-201

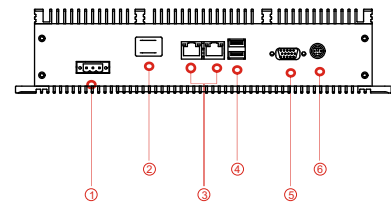


Features:

- Design for Industrial Automation, M2M application
- Onboard Core 2 Duo 1.06GHz/ Core Duo 1.2GHz/ Celeron M 1.06GHz
- 1 x DDR2 SODIMM, max. 2GB
- 4 x RS422/485 communication with isolation protection
- Support 8 x GPIO with Phoenix type Terminal Block
- 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
- 7.8 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 1.06GHz
BIOS	: Award 4Mbit Flash
System Chipset	: Intel 945GME / ICH7M Chipset
System Memory	: 1 x SODIMM, Max 4GB DDR2 667/533 (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 pin header)
Storage	: 1 x Type I/II CF socket or 1 x 2.5" 160 GB HDD / SSD

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 / Desktop

I/O Connectors

Front Side I/O	: 1 x Reset Button : 1 x Micro In, Line out, Line in Jack : 8 x GPIO by Phoenix type Terminal Block : 4 x Isolated RS422/485 auto-detect with LED Indicator
Back Side I/O	: 1 x 3 pin Power Input w/ Phoenix type Terminal Block : 1 x Power Switch 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	: Industrial HDD Automobile HDD, Industrial Grade CF.
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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:03/07/2011



Rev.	Reasons	Revised Date
1.0	First release	Dec-22-08
1.1	Add DNV logo	Jan-08-09
1.2	Spec change	Mar-07-11