

# I330-Rugged BOX PC

I330EAC with Four Isolation  
Serial Ports, Digital I/O, GigaLAN  
Rugged Box PC.

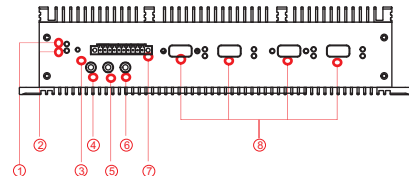
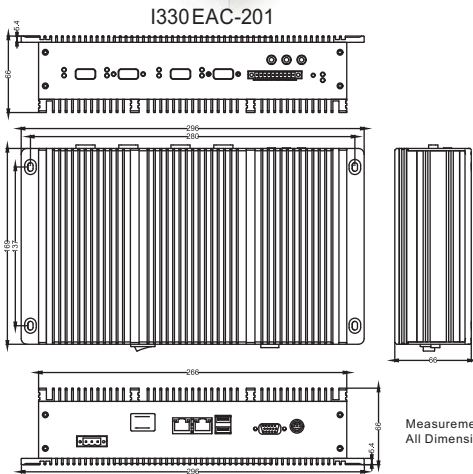
Embedded Automation Controller

I330EAC-201

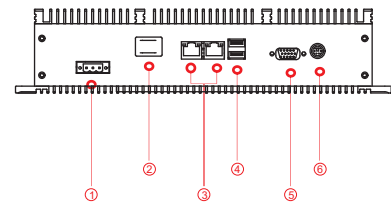


### Features:

- Design for Industrial Automation, M2M application
- Onboard Core 2 Duo 1.06GHz/ Core Duo 1.2GHz/ Celeron M 1.06 GHz
- 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
- 800V DC power isolation resistance



1. PWR LED
2. HDD LED
3. .POWER
- 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,<br>Core Duo ULV 1.2GHz,<br>Celeron M ULV 1.06GHz |
| BIOS                | : Award 4Mbit Flash  |
| System Chipset      | : Intel 945GME / ICH7M Chipset   |
| System Memory       | : 1 x SODIMM, Max 2GB DDR2 667/533<br>(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<br>(2xUSB Internal pin header)                |
| Storage             | : 1 x 2.5" 32GB SSD / 320GB HDD<br>(optional)                                    |

### I/O Connectors

|                |   |
|----------------|---|
| Front Side I/O | : 1 x Reset Button<br>: 1 x Micro in , Line out , Line in Jack<br>: 8 x GPIO by Phoenix type Terminal Block<br>5V/12mA<br>: 4 x Isolated RS422/485 auto-detect with |
| Back Side I/O  | : LED Indicator<br>: 1 x 3 pin Power Input w/ Phoenix type<br>: Terminal Block<br>: 1 x Power Switch On / Off<br>: 2 x RJ-45 (Giga LAN)<br>: 1x VGA<br>1 x PS/2     |

### Environment Considerations

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

### Mechanical and Power

|                        |   |
|------------------------|---|
| Dimensions (L x W x H) | : 296mm x 169mm x 66mm  |
| Construction           | : Aluminum housing  |
| Power Input            | : +24V DC In with 800V DC Isolation<br>Resistance(+9~36V DC Input Acceptable) |
| Power source range     | : Typical 60 W power consumption  |
| Mounting               | : VESA / Wall-mount / Desktop   |

### Ordering Information (optional)

|         |                       |
|---------|-----------------------|
| Storage | : SSD (max to 128 GB) |
|---------|-----------------------|

### 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:10/03/2012



| Rev. | Reasons         | Revised Date |
|------|-----------------|--------------|
| 1.4  | Spec change     | Dec-17-12    |
| 1.5  | Spec Change I/O | Mar-6-13     |
| 1.6  | Spec Change     | Nov-06-13    |