

I330 Rugged BOX PC

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

Embedded Automation Controller

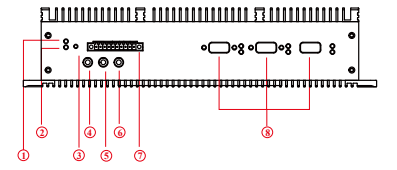
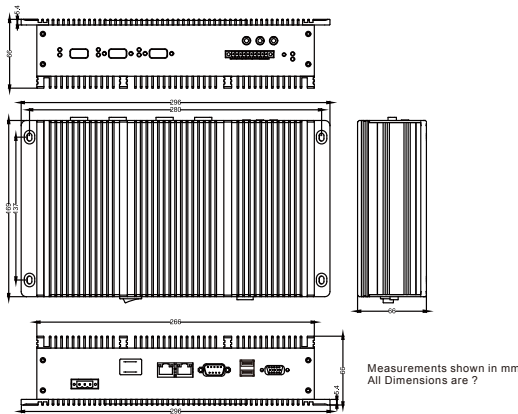
I330EAC-ID3



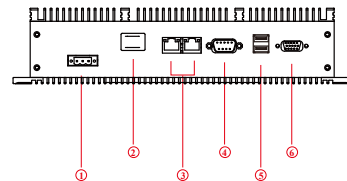
Features:

- Design for Industrial Automation, M2M application
- Onboard Dual Core Atom D2550 1.86GHz
- 1 x DDR3 SODIMM, max. 4GB
- 3 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

I330 EAC-ID3



- 1. PWR LED
- 2. HDD LED
- 3. POWER
- 4. LINE IN
- 5. LINE OUT
- 6. MIC IN
- 7. 8 Channel GPIO
- 8. RS422/485/ISOLATION



- 1. PWR INPUT
 - 2. PWR SWITCH
 - 3. LAN
 - 4. RS232
 - 5. USB
 - 6. VGA
- 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®ATOM D2550 1.86GHz
- BIOS** : AMI 16Mbit Flash
- System Chipset** : Intel®NM10 Chipset
- System Memory** : DDR3 SODIMM Max 4GB
- Ethernet Controller** : Dual Broadcom BCM57780
- USB** : 2 x USB 2.0 (external)
4 x USB 2.0 by pin-header (internal)
- Storage** : 1 x mSATA SSD 32G (default)
1 x 2.5" SATA SSD

Mechanical and Power

- Dimensions (L x W x H)** : 296mm x 169mm x 66mm
- Construction** : Aluminum housing
- Power Input** : +24V DC In with 1.5KV DC 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 Channel GPIO by Phoenix type Terminal Block 5V/12mA
: 3 x Isolated RS422/485 auto-detect with
- Back Side I/O** : LED Indicator
: 1 x 3 pin Power Input w/ Phoenix type
: Terminal Block
: 1 x Power Switch On / Off
: 2 x RJ-45 (Giga LAN)
: 1 x VGA
: 1 x RS232
: 2 x USB

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

Ordering Information (optional)

- Storage** : 2.5" 64GB , 128GB SSD
32 to 128GB mSATA SSD

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

Rev.	Reasons	Revised Date
1.7	Spec change	Mar-25-13

Revised Date:09/19/2012

Assured Systems

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