

I330 Rugged BOX PC

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

Embedded Automation Controller

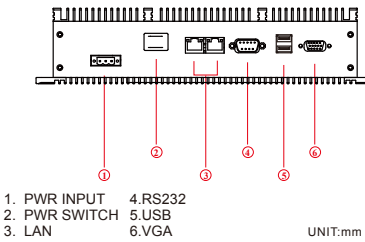
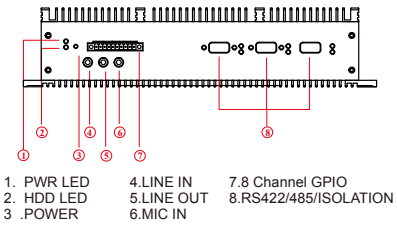
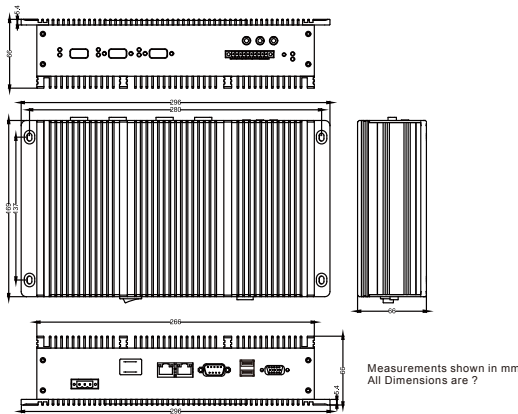
I330EAC-ID3



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



* 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

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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