

# I330-Rugged BOX PC

IV32EAC Box with Four Serial Ports  
(3 for Isolation), Two USB3.0,  
Dual GigaLAN,  
Robust Alu.Fin Box PC

Embedded Automation Controller

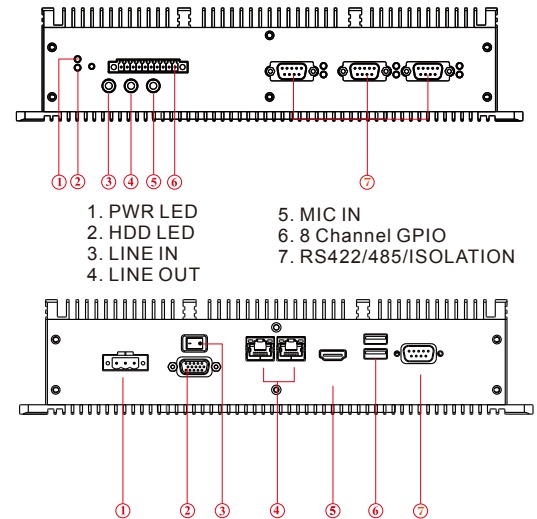
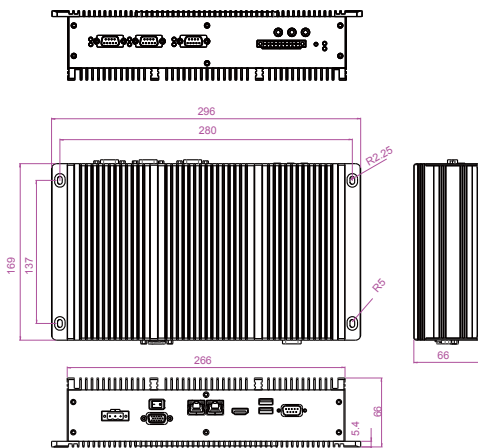
I330EAC-IV3



## Features:

- Design for Industrial Automation, M2M application
- Intel® Core i7-3517UE 1.7GHz up to 2.8GHz
- 1 x SODIMM DDR3 1333/1600 MHz (max , 8GB)
- 3x RS422/485 Serial Ports with Isolation Protection
- 1x RS232 Serial Ports
- 2x Giga LAN, 2 x USB, 1x HDMI, 1 x VGA
- Fanless, High efficiency thermal design w/ sealed construction
- 1.5KV DC power isolation resistance

I330EAC-IV3



\* 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 i7-3517UE 1.7GHz up to 2.8GHz
BIOS	: AMI system BIOS
System Chipset	: Intel® HM 76
System Memory	: 1 x SODIMM DDR3 1333/1600 (max 8GB)
Ethernet Controller	: Intel® 82579-LM GbE PHY + Intel WG82574L GbE
Serial	: 1 x RS232 / 422 / 485 1 x RS422 / 485 wafer (internal) 3 x RS232 (internal)
USB	: 3x USB 3.0 (1 x internal) 2 x USB2.0 (internal)
Storage	: 1 x mSATA SSD 32GB (default)

## I/O Connectors

Front Side I/O	: 1 x Reset Button : 1 x Mic-in, Line out, Line in Jack : 8 Channel GPIO by Phoenix type Terminal Block 5V/12mA : 3 x Isolated RS422/485 auto-detect with LED Indicator
Back Side I/O	: 1 x 3 pin Power Input with Phoenix type Terminal Block : 1 x Power Switch on/off : 2 x RJ-45 (Giga Lan) : 1 x HDMI : 1 x RS232/422/485 : 2 x USB 3.0 : 1 x VGA

## Mechanical and Power

Dimensions (L x W x H)	: 296mm x 214mm x 71 mm
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

## 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" 32/64/128GB SSD 32 to 128GB mSATA SSD
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Note: All Specifications are subject to change without prior notice!

