

# 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

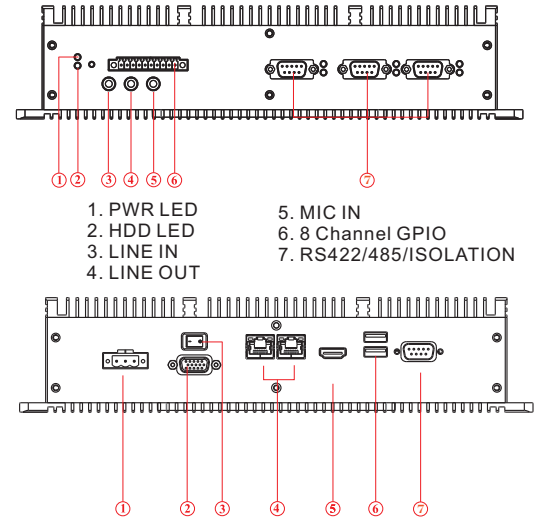
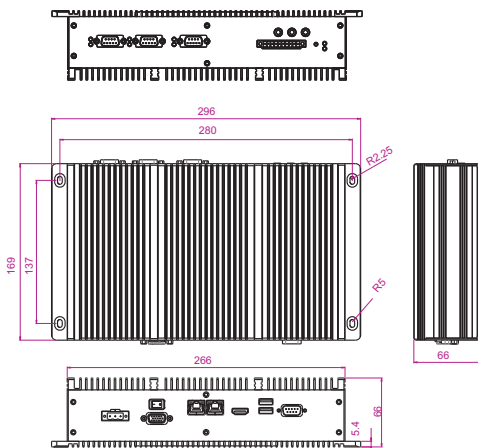
## I330EAC-IV3



### Features:

- Design for Industrial Automation, M2M application
- Intel® Core i7-3555LE 2.5GHz
- 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 i7-3555LE 2.5GHz  |
| 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<br>1 x RS422 / 485 wafer (internal)<br>3 x RS232 (internal) |
| USB                 | : 3x USB 3.0 (1 x internal)<br>2 x USB2.0 (internal)                                |
| Storage             | : 1 x mSATA SSD 32GB (default)  |

### I/O Connectors

|                |  |
|----------------|--|
| Front Side I/O | : 1 x Reset Button<br>: 1 x Mic-in, Line out, Line in Jack<br>: 8 Channel GPIO by Phoenix type Terminal Block 5V/12mA<br>: 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<br>: 1 x Power Switch on/off<br>: 2 x RJ-45 (Giga Lan)<br>: 1 x HDMI<br>: 1 x RS232/422/485<br>: 2 x USB 3.0<br>: 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<br>32 to 128GB mSATA SSD |
|---------|---|

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



| Rev. | Reasons     | Revised Date |
|------|-------------|--------------|
| 1.3  | Spec Change | Feb-23-13    |
| 1.4  | Spec Change | Mar-06-13    |
| 1.5  | Spec Change | Nov-06-13    |