

# I330-Rugged BOX PC

Embedded Automation Controller

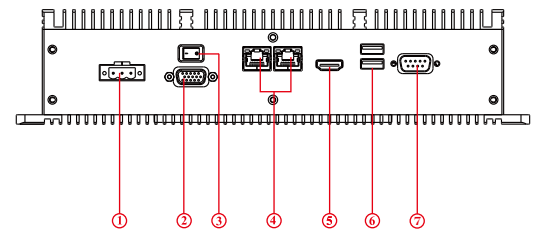
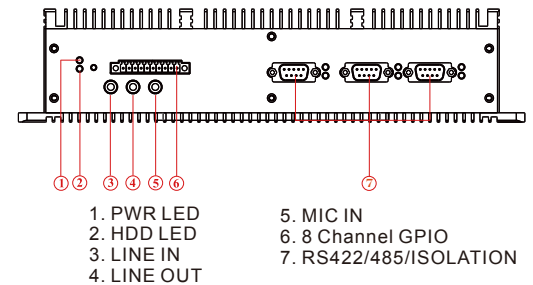
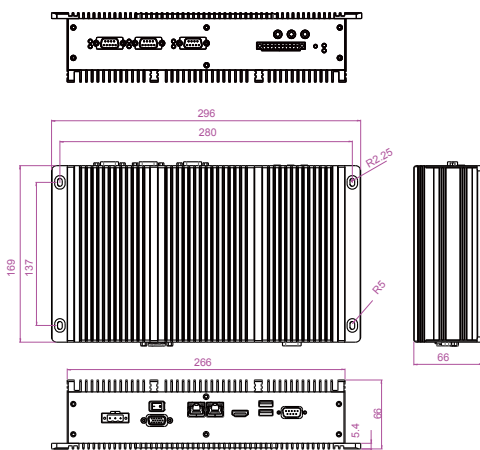
I330EAC-IK3



## Features:

- Design for Industrial Automation, M2M application
- 7<sup>th</sup> Generation (kaby Lake) Intel® Core i5-7200U 2.5GHz (turbo to 3.1GHz)
- 1 x SODIMM DDR4 2133 MHz (max , 16GB)
- 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-IK3



\* 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 i5-7200U 2.5GHz(turbo to 3.1GHz)         |
| BIOS                | : Insyde BIOS                                          |
| System Chipset      | : Intel® SoC Integrated                                |
| System Memory       | : 4GB DDR4-2133 SO-DIMM (Max 16GB)                     |
| Ethernet Controller | : Intel® HD Graphics 620                               |
| Storage             | : 64GB M.2 B Key SATA III SSD<br>(Options up to 512GB) |
| LAN                 | : Intel® Gigabit-LAN Controller<br>I211AT + PHY I219LM |
| Audio               | : Realtek ALC283 HD Audio Codec                        |

## Mechanical and Power

|                        |                                                                                |
|------------------------|--------------------------------------------------------------------------------|
| Dimensions (L x W x H) | : 296 mm x 169 mm x 66 mm                                                      |
| Construction           | : Aluminum housing                                                             |
| Power Input            | : +24V DC In with 1.5KV DC Isolation<br>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<br>: 1 x Mic-in, Line out, Line in Jack<br>: 8 Channel GPIO by Phoenix type Terminal Block<br>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  |

## 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         |

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