

# IB70 Intel® Celeron Bay Trail-M N2930 BOX PC

IB70SB7 with Three Serial Port,  
Dual Giga LAN, Six USB  
Alu.Fin BOX PC

IB70SB7-101 with Three Serial Ports, Dual LAN, Six USB

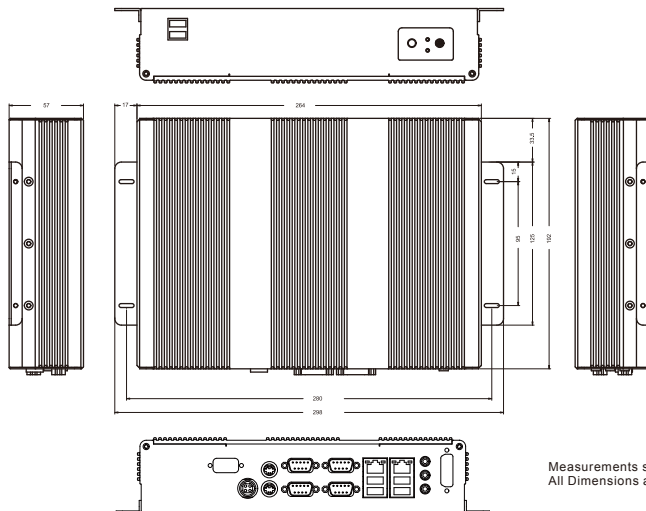
IB70SB7-101



## Features:

- Intel® Celeron Bay Trail-M N2930 1.83GHz
- Flexible storage devices, One 2.5-inch HDD and One Mini PCIe SSD
- Multiple I/Os, Three Serial Ports and Six USB Ports (1 x USB 3.0)
- Supports +12V DC-IN Power input

IB70SB7-101



Measurements shown in mm  
All Dimensions are ± 0.5 mm



I. Power Reset Button  
II. Power / HDD LED

III. Power On Button  
IV. 2 x USB 2.0



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|-----------------|-----------------------------|--------------------|
| 1. Power Jack   | 5. RS232/422/485 Conn.      | 9. RJ45            |
| 2. PS/2         | 6. 1 x USB 3.0, 1 x USB 2.0 | 10. Audio Jack     |
| 3. RS-232 Conn. | 7. RJ-45                    | 11. DVI (Optional) |
| 4. VGA Conn.    | 8. 2 x USB 2.0              |                    |

\* 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® Celeron Bay Trail-M N2930 1.83 GHz
BIOS	: AMI UEFI BIOS
System Chipset	: Intel Atom SoC Integrated
System Memory	: Dual DDR3L 1066/1333 MHz SO-DIMM Slot, Max. 8GB
Graphic Chipset	: Integrated Graphic
Ethernet	: Ethernet controller to Intel® I210-AT GbE
Audio	: Realtek ALC886 codec
USB	: 6 x USB ports (1 x USB 3.0, 5 x USB 2.0)
Serial	: 2 x RS232, 1 x RS232/422/485 ports 1xRS232(Optional), DVI (Optional)
Expansion Slot	: 2 x Mini PCIe (1 for WiFi, 1 for 3G Module)

## I/O Connectors

Rear Panel External I/Os	: 2 x RJ-45(Gigabit Ethernet) 2 x PS/2 3 x RS-232 Connector 9p DSUB(male)(1xoptional) 1 x RS-232/422/485 9p DSUB(male) 1 x VGA 15p DSUB(female) 1 x USB 3.0, 3 x USB 2.0 1 x Mic In/Line In/Line Out 1 x DC-IN Power Jack 1 x DVI (Optional)
Front Panel External I/Os	: 2 x USB 2.0 1 x Power/HDD LED 1 x Power Reset Button 1 x Power on Button

## Mechanical Specification

Construction	: Aluminum housing
Mouting	: Desktop/wall-mounting
Dimension	: 264 x 57x 192 mm (W x H x D)

## Power Supply

Power Input	: +12V DC-IN(Lockable,Power Jack)
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## Environmental Specification

Operation Temperature	: 0~ 50°C
Operating Humidity	: 30% ~ 90% (non-condensing, RH)

## Packing List

- 1 x IB70SB7-101 unit
- 1 x Driver Utility CD
- 1 x Wall-mount Kits

## OS BSP / Driver Support :

- Operating System : Windows 10 IoT Enterprise
- Windows 8 embedded
- Windows 7 embedded



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