

IH70 BOX PC

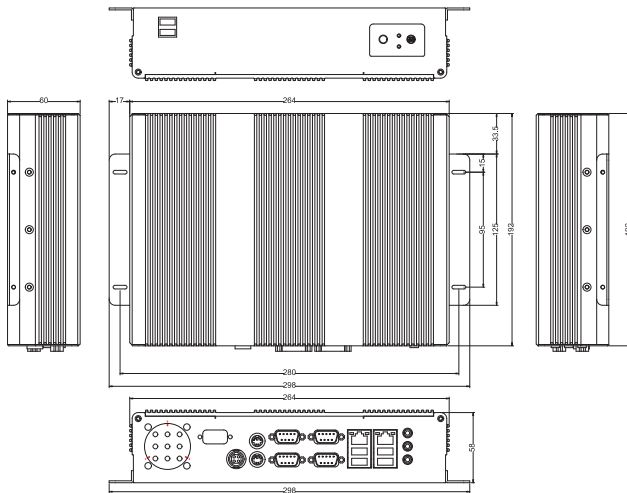
IH70 with Three Serial Port,
Dual Giga LAN, Six USB
Alu.Fin BOX PC

Rugged BOX PC Series - IH70 Intel® 4th Generation Core™ i7 / i5 / i3 Processor BOX PC

IH70SB7-111



IH70SB7-111



- * Measurements shown in mm
- * Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm
- * 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® 4th i7/i5/i3 processor (Haswell)
BIOS	: AMI BIOS
System Chipset	: Intel® 8 series Chipset (QM87)
System Memory	: 2 x SODIMM, Max 16GB DDR3L 1333/1600 MHz
Graphic Chipset	: Intel® HD Graphic 4600 Supports DirectX 11 and OpenGL 4.0
Ethernet	: Intel® I210IT Gigabit-LAN Controller+ I218LM Gigabit-LAN PHY
Audio	: Realtek ALC886 HD codec (Line-in, Line out, Mic-in)
USB	: 4 x 3.0, 2 x USB 2.0
Serial	: 2 x RS232, 1 x RS232/422/485 ports, 1 x RS232(Optional)
SSD Interface	: 1 x mSATA SSD slot
Expansion Slot	: 1 x Mini PCIe Slot (for Full size module) 1 x Mini PCIe Slot (for half size Wifi module) 1 x PCIe (x16) slot 1 x PCIe (x4) slot

Mechanical Specification

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

Power Supply

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

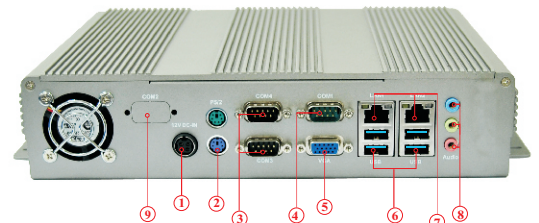
Operation Temperature	: 0~ 50°C
Operating Humidity	: 5% ~ 95% RH (non-condensing)

Features:

- Intel® 4th Generation Core™ i7/i5/i3 processor (Haswell)
- Flexible storage devices, One 2.5-inch HDD and One SSD socket
- Multiple I/Os, Three Serial Ports and Six USB Ports
- Supports +12V DC-IN Power input



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|-----------------------|----------------------|
| I. Power Reset Button | III. Power On Button |
| II. Power / HDD LED | IV. USB 2.0 |



- | | |
|------------------------|---------------------|
| 1. Power Jack | 5. VGA Conn. |
| 2. PS/2 | 6. USB 3.0 |
| 3. RS-232 Conn. | 7. RJ-45 |
| 4. RS232/422/485 Conn. | 8. AudioJack |
| | 9. RS-232(Optional) |

I/O Connectors

Rear Panel External I/Os	: 2 x RJ-45(10/100/1000 Mbps) 2 x RS-232 Connector 1 x RS-232/422/485 Connector 1 x RS-232 (Optional) 1 x VGA Connector 4 x USB 3.0 2 x PS/2 1 x Line in/Line out/Mic in
Front Panel External I/Os	: 2 x USB 2.0 1 x Power/HDD LED 1 x Reset / Power on Button

Packing List

- 1 x IH70SB7-111 Unit
- 1 x IH70 Manual & Driver Utility CD
- 1 x Wall-mount Kits

Order Information

IH70SB7-111 : IH70SB7-111 BOX PC with 3 x COM, 2 x LAN, 6 x USB
1 x Line-in/Line-out/Mic-in Audio Jack, +12V DC-IN

Rev.	Reasons	Revised Date
1.0	First release	Feb-26-15

Revised Date:02/26/2015