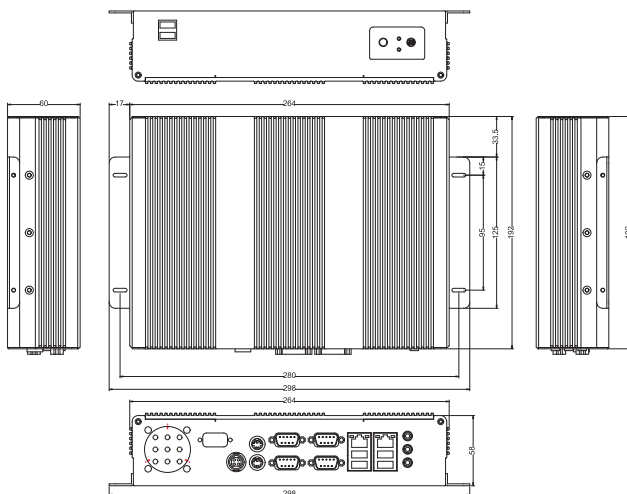


Rugged BOX PC Series - IH70 Intel 4th Generation Core i7 / i5 / i3 Processor BOX PC



IH70SB7-111



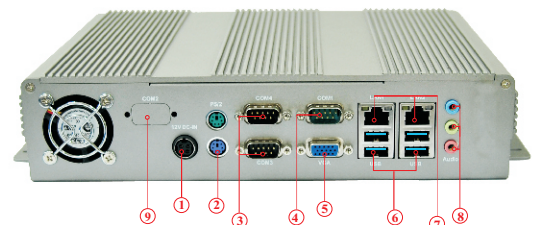
- * Measurements shown in mm
- * Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm
- * Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

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



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



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

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

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

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)

Environmental Specification

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