

# IV70 BOX PC

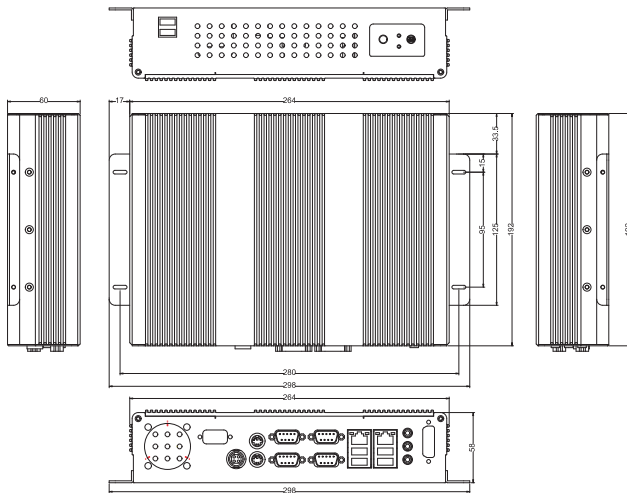
IV70SB7 with Three Serial Port,  
Dual Giga LAN, Six USB  
Alu.Fin BOX PC

Rugged BOX PC Series - IV70 Intel® 3rd Generation Core™ i7 / i5 / i3 Processor BOX PC

## IV70SB7-111



IV70SB7-111



- \* 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® 3rd Generation Core™ i7/i5/i3 processor (Ivy Bridge)
- 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. Audio Jack
- 9. RS-232 (Optional)
- 10. DVI (Optional)

### System Specification

- Processor** : Intel® 3rd Generation Core™ i7/i5/i3 processor (Ivy Bridge)
- BIOS** : AMI UEFI BIOS
- System Chipset** : Intel® 7 series Chipset (HM76)
- System Memory** : 2 x SODIMM, Max 16GB DDR3 1333/1600
- Graphic Chipset** : Integrated Intel® HD Graphic 4000
- Ethernet** : Dual Broadcom BCM57780 GbE
- Audio** : Realtek ALC886 HD codec (Line-in, Line out, Mic-in)
- USB** : 6 x USB ports, 4 x USB 3.0, 2 x USB 2.0
- Serial** : 2 x RS232, 1 x RS232/422/485 ports, 1 x RS232(Optional) 1 x DVI (Optional)
- SSD Interface** : 1 x mSATA SSD 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(Lockabl,Power Jack)

### Environmental Specification

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

### I/O Connectors

- Rear Panel External I/Os** : 2 x RJ-45(10/100/1000 Mbps)  
2 x RS-232 Conn  
1 x RS-232/422/485 Conn  
1 x RS-232 (Optional)  
1 x VGA Conn  
4 x USB 3.0  
2 x PS/2  
1 x Line in/Line out/Mic in  
1 x DVI (Optional)
- 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 IV70SB7-111 Unit
- 1 x Driver Utility CD (Include SBC Manual)
- 1 x Wall-mount Kits

### Order Information

- IV70SB7-111** : Windows XP embedded  
Windows 10 IoT Enterprise  
Windows 8 embedded  
Windows 7 embedded



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