

IA70 Intel® Atom N270 BOX PC

IA70SB7 with Three Serial Port,
Dual Giga LAN, Six USB
Alu.Fin BOX PC

IA70SB7-101 with Three Serial Ports, Dual LAN, Six USB, CF Slot

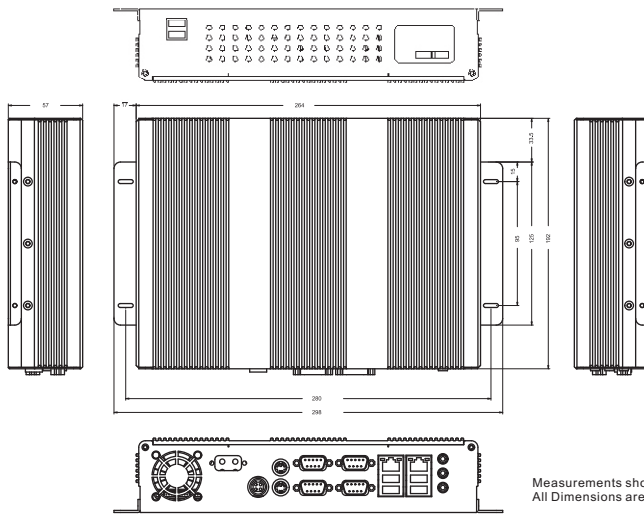
IA70SB7-101



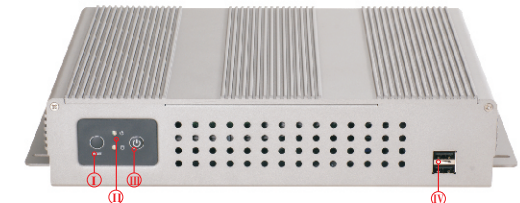
Features:

- Intel® Atom N270 1.6GHz Processor
- Flexible storage devices, One 2.5-inch HDD and One Type I/II CF socket
- Multiple I/Os, Three Serial Ports and Eight USB Ports
- Supports +12V DC-IN Power input

IA70SB7-101

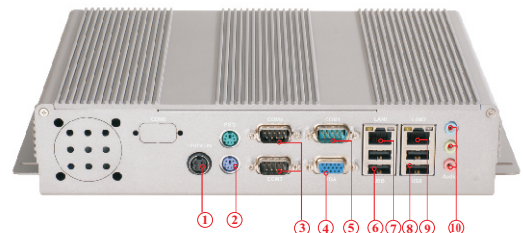


Measurements shown in mm
All Dimensions are ± 0.5 mm



I. Power Reset Button
II. Power / HDD LED

III. Power On Button
IV. 2 x USB 2.0



1. Power Jack
2. PS/2
3. RS-232 Conn.
4. VGA Conn.
5. RS232/422/485 Conn.
6. 2 x USB 2.0
7. RJ-45
8. 2 x USB 2.0
9. RS-232/422/485 Conn.
10. AudioJack

* 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® Atom N270 1.6GHz Processor
BIOS	: AMI 4Mbit Flash
System Chipset	: Intel 945GSE/ ICH7M
System Memory	: 1 x DIMM, Max 2GB DDR2 400/533
Graphic Chipset	: Intel® 945GSE Integrated (224MB shared)
Ethernet	: Realtek RTL8111B 10/100/1000 Mbps
Audio	: Realtek ALC655 codec
USB	: 6 x USB ports, USB 2.0 compliant
Serial	: 2 x RS232, 1 x RS232/422/485 ports 1xRS232(Optional)
SSD Interface	: 1 x Type I/II CF socket
Expansion Slot	: 1 x Mini - PCI (inside), 1 x PCI(inside), 1 x PCIe(x1)

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(Lockabl,Power Jack)

Environmental Specification

Operation Temperature : 0~ 45°C
Operating Humidity : 30% ~ 90% (non-condensing, RH)

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 25p DSUB(female) 4 x USB 2.0 1 x Mic In/Line In/Line Out 1 x DC-IN Power Jack
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

Packing List

- 1 x IA70SB7-101 unit
- 1 x Driver Utility CD
- 1 x IA70 SBC User Manual
- 1 x IA70B7-XXX User Guide
- 1 x Wall-mount Kits

Order Information

IA70SB7-101 : IA70SB7-001 BOX PC with 3 x COM, 2 x LAN
6 x USB, 1 x Type I/II CF slot,
1 x Line-in/Line-out/Mic-in Audio Jack, +12V DC-IN.

Rev.	Reasons	Revised Date
1.0	First release	May-19-09
1.1	Spec change	Oct-21-10