

ID70 Intel® Atom D2550 BOX PC

ID70SB7 with Three Serial Port,
Dual Giga LAN, Six USB
Alu.Fin BOX PC

ID70SB7-101 with Three Serial Ports, Dual LAN, Six USB

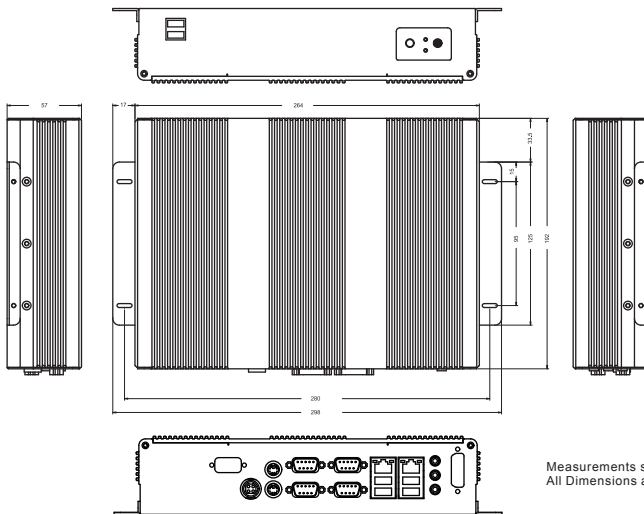
ID70SB7-101



Features:

- Intel® Atom™ Dual Core D2550 1.86GHz Processor
- Flexible storage devices, One 2.5-inch HDD and One Mini PCIe SSD
- Multiple I/Os, Three Serial Ports and Six USB Ports
- Supports +12V DC-IN Power input

ID70SB7-101



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. 2 x RS-232 Conn.
4. VGA Conn.
5. RS232/422/485 Conn.
6. 4 x USB 2.0
7. 2 x RJ-45
8. Audio Jack
9. DVI (Optional)

* 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™ Dual Core D2550 1.86GHz Processor
BIOS	: AMI UEFI BIOS
System Chipset	: NM10
System Memory	: Dual DDR3 800/1066 MHz SO-DIMM Slot, Max. 4GB
Graphic Chipset	: Integrated Graphic
Ethernet	: 1000 Base-Tx Gigabit Ethernet Compatible
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), DVI (Optional)
Expansion Slot	: 2 x Mini PCIe (1 for WiFi, 1 for 3G Module) 1 x PCI

I/O Connectors

Rear Panel External I/Os	: 2 x RJ-45 (Gigabit Ethernet) 2 x PS/2 2 x RS-232 Connector 9p DSUB(male) 1 x RS-232 Connector 9p DSUB(male)(optional) 1 x RS-232/422/485 9p DSUB(male) 1 x VGA 15p DSUB(female) 4 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)

Environmental Specification

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

Packing List

- 1 x ID70SB7-101 unit
- 1 x Driver Utility CD
- 1 x ID70 SBC User Manual
- 1 x Wall-mount Kits

OS BSP / Driver Support :

Operating System : Windows 7 Embedded
Windows XP Embedded



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