

IBC1000

Economic, Low Profile, Fanless Industrial Box Computer

NEW



Features

- Ultra Compact, Fanless Industrial Box Computer
- LAN: 1x GbE
- WLAN: 802.11 b/g/n mPCIe card
- Supports SD/SDHC/MS/MS Pro flash memory cards
- Storage: 1x 2.5" SATA HDD
- Support VESA mount

Specifications

System

CPU	On board Intel Atom N270 1.6GHz
Chipset	945GSE+ICH7-M
Memory	Two DDR2 SO-DIMM Slots, Up to 2GB
Storage	1 x 2.5" SATA HDD Bay 1 x MMC/SD/MS Card Interface

Expansion

Add-on Card	1 x Mini-PCIe socket (for Wireless LAN)
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External I/O

Front Panel	
Audio I/O	1 x Line-out, 1 x Mic-in
USB Port	2 x USB 2.0
Card Reader	MMC/SD/MS
Power Control	1 x Power Switch
LED	1 x Power / HDD

Rear Panel

Wireless	1 x Antenna Connector (2.5db)
Power Input	12V DC Jack
Video Out	1 x DVI-I
USB Port	2 x USB 2.0
LAN Port	1 x RJ45
SPDIF	1 x SPDIF Jack

Power

Input Voltage	DC12V
Power Consumption	3A /36W

Operating Systems

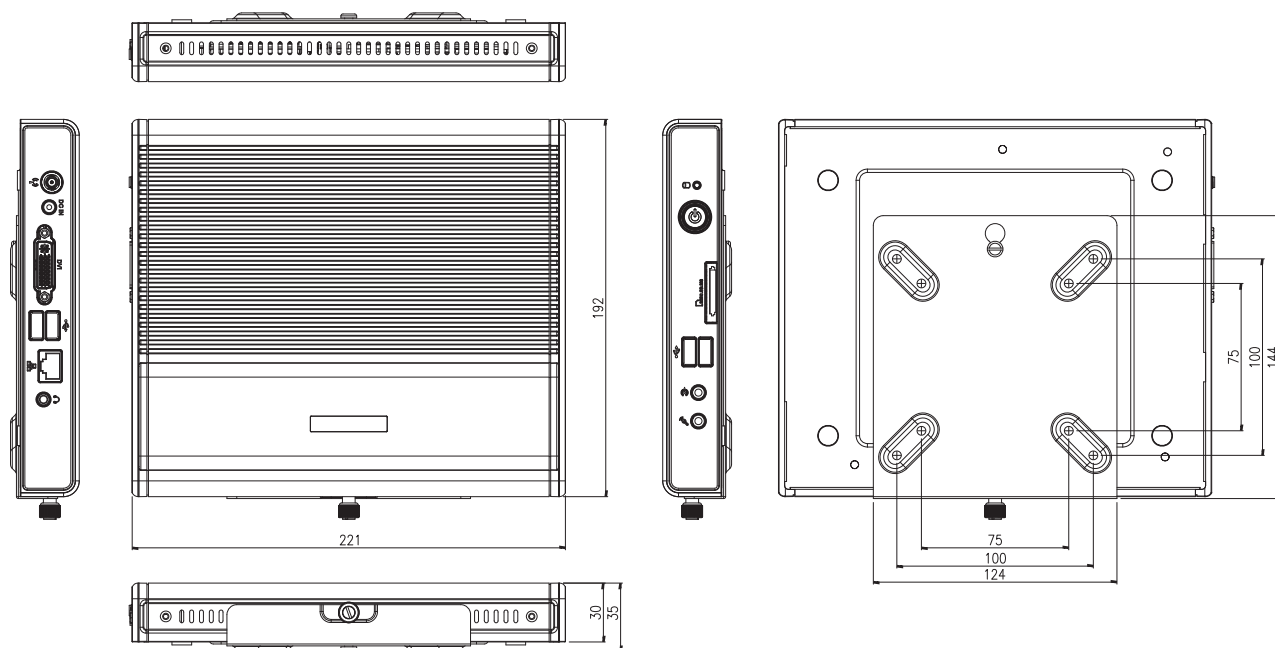
XP embedded or Linux

Mechanical & Environmental

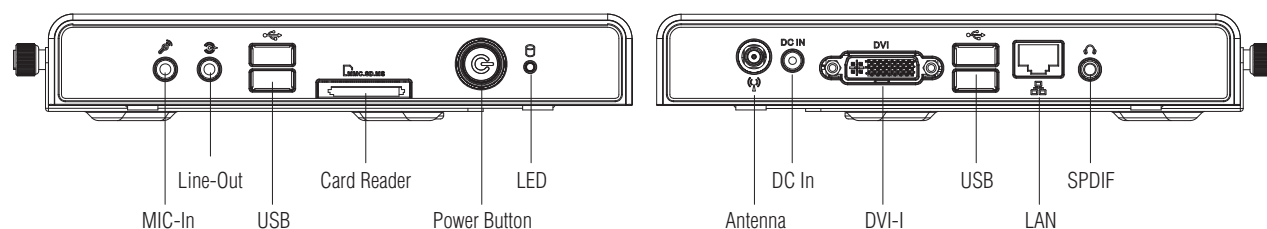
Operating Temperature	0°C ~ 45°C(32~113°F)
Relative Humidity	0%~90%, non-condensing
Mounting	VESA (mounting bracket included)
Dimensions (WxHxD)	220.5 x 192 x 30mm (8.18" x 7.56" x 1.18")
Weight	2.2kg

The product information and specifications are subject to change without prior notice.

Block Diagram



Unit shown in mm



Ordering Information

IBC1000 Box Computer

Model	Description
IBC1000	ATOM-N270/945GSE Chipset - Base Unit

Advantech Ordering P/N		96SYS-IBC1000	96SYS-IBC1000-XPE
IBC1000	IBC1000 Base Unit	Included	Included
1 x 2.5" SATA HDD	80GB	Included	Included
1 x SO-DIMM	1GB DDR2 533MHz	Included	Included
OS	Windows XP Embedded	N/A	Included
Mounting Hardware	VESA Mounting Bracket	Included	Included
Power Adapter	AC-DC 12V/36W	Included	Included
Wireless LAN Card	802.11 b/g/n Card + Antenna	Included	Included