

ANR-IB75N2/A/B

1U Rackmount Intel PCH B75 Networking, 8 GbE LANs



Features

- Intel B75 Platform
- Supports LGA1155 Intel® Core™ i7/i5/i3 processor / Pentium CPU
- 1 x SATAIII, 1 x SATAII
- 2 x USB 3.0
- Option1: Intel GbE LAN x 8
- Option2: Intel GbE LAN x 8 + 2 Fiber
- Option3: Intel GbE LAN x 8 + 4 Fiber



CE FCC

Specification

System

CPU	Intel 3rd Gen. Core i / Pentium LGA1155 Processors
Chipset	Intel B75
Memory	2 x 240-pin DIMM support DDR3 1600 / 1333 MHz up to 16GB
BIOS	AMI
WatchDog Timer	Software programmable 0~255 sec.

Video

Video Interface	VGA(on board pin header)
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Ethernet

Chipset	ANR-IB75N2: Intel I210-AT(GbE) x8 ANR-IB75N2A: Intel I210-AT(GbE) x8 Intel 82576EB x2 (Fiber port) ANR-IB75N2B: Intel I210-AT(GbE) x8 Intel 82576EB x4 (Fiber port)
Connector	ANR-IB75N2: 8 x RJ45 for Copper Ethernet ANR-IB75N2A: 8 x RJ45 for Copper Ethernet 2 x SFP Slot ANR-IB75N2B: 8 x RJ45 for Copper Ethernet 4 x SFP Slot
LAN bypass	2-pair

Storage

SATA	1 x SATA III , 1 x SATA II
Compact Flash	1 x Compact Flash Type II socket supports UDMA
HDD Bay	2 x 2.5" HDD bay

I/O

Console port	1 x RJ45 for console
USB port	2 x USB 3.0 ports
LCM	16 x 2 characters LCD module with 4 buttons
GPIO	8-bit GPIO (4 In, 4 Out) on board pin header

Power Requirement

Power Requirement	Internal 250W 80 PLUS(Bronze) power supply, input range 100V AC 60Hz ~ 230V AC 50Hz
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Software

OS Support	Win 7 32/64 bit, WES7 32bit, Fedora 14 32/64bit, Ubuntu 10.04 32/64bit
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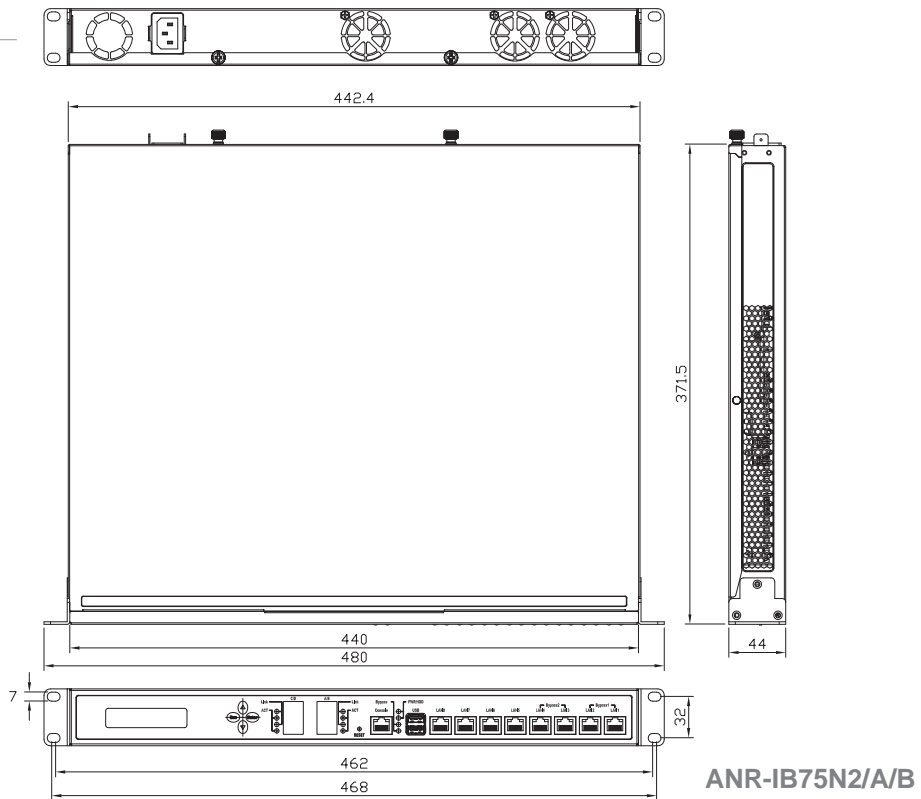
Mechanical & Environment

Dimension	440 mm x 371.5 mm x 44mm
Operating Temp.	0~40°C (32~104°F)
Storage temp.	-20~80°C (-4~176°F)
Relative Humidity	0~90% @ 40°C, non-condensing
Safety	CE, FCC class A

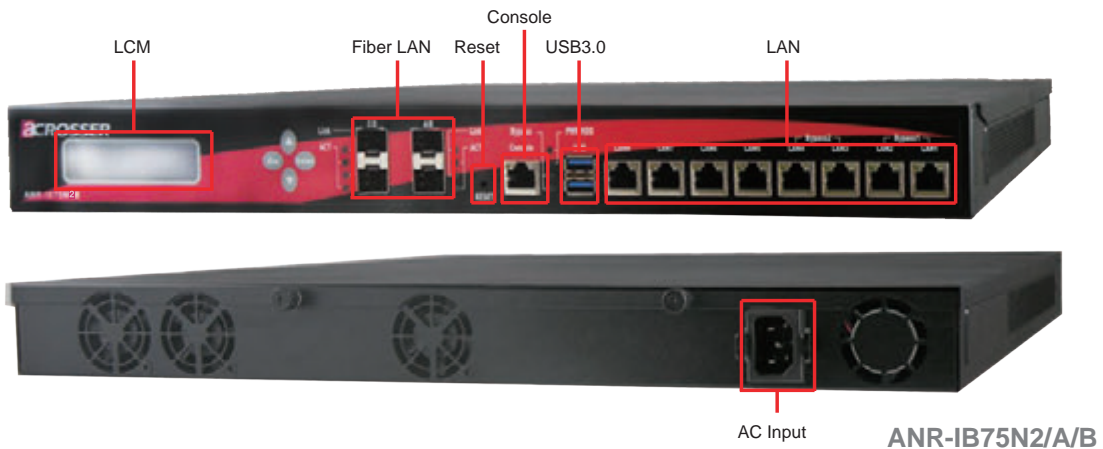
Model Name

ANR-IB75N2	Networking Rackmount Server with PCH B75, 8 x RJ45 GbE LAN (2-pair bypass)
ANR-IB75N2A	Networking Rackmount Server with PCH B75, 8 x RJ45 GbE LAN (2-pair bypass) and 2 x Fiber expansion feature
ANR-IB75N2B	Networking Rackmount Server with PCH B75, 8 x RJ45 GbE LAN (2-pair bypass) and 4 x Fiber expansion feature

Dimension



I/O Connectors



Packing List

- ANR-IB75N2/A/B system x 1
- Quick manual x 1
- SATA cable x 2
- CD Utility x 1
- Console Cable(RJ45) x 1
- USA or Europe or Japan or UK power cord x 1
- Rack bracket x 2
- Box Packing x 1
- Screw for bracket (for Rack + HDD bracket) x 14
- Power cord hook x 1

Ordering Information & CPU support list

ANR-IB75N2 Barebone	Barebone, w/o CPU
ANR-IB75N2(A/B)i71	3rd Generation Intel Core i7 Processors i7-3770
ANR-IB75N2(A/B)i51	3rd Generation Intel Core i5 Processors i5-3550S
ANR-IB75N2(A/B)i31	3rd Generation Intel Core i3 Processors i3-3220
ANR-IB75N2(A/B)PG1	Intel Pentium Processor G2120