

# NA-560

Performance Network Appliance Platform with LGA1155  
Intel® Sandy Bridge (H61/ B65/ Q67) and up to 8 LANs



Front view



Rear view

## Introduction

NA-560 is a 1U rackmountable network security hardware platform for VPN, firewall and other network security applications. It supports Intel® Sandy Bridge & Ivy Bridge processors with Intel® H61/ B65/ Q67 chipset and four DDR3 1333 memory up to 8 GB. NA-560 has powerful storage interfaces featuring two 2.5" SATA HDD and one CFast™. To solve shutdown issue, it supports LAN bypass function through software program.

## Specifications

System	
CPU	LGA1155 socket for Intel® Core™ i3-2120/ Core™ i5-2400/ Core™ i7-2600/ Ivy Bridge processor
Chipset	Intel® H61/ B65/ Q67 PCH chipset
Memory	4 x DDR3 1333 DIMM socket max. up to 8 GB non-buffer non-ECC memory (Single channel (H61 PCH) & Dual channel (B65/Q67 PCH))
BIOS	AMI 64Mbits PnP Flash BIOS with function of BIOS redirected to COM port
HDD Interface	2 x 2.5 SATA HDD or 1 x 3.5 SATA HDD
Network Interface	6 x 10/100/1000Mbps Ethernet (H61 PCH)/ 8 x 10/100/1000Mbps Ethernet (B65/Q67 PCH) (Intel® 82574L (default)/ Intel® 82583V (optional))
SSD	CFast™
I/O Interface	1 x RS-232 (RJ-type connector), 2 x USB connector, 6 x RJ-45 connector (H61 PCH) / 8 x RJ-45 connector (B65/Q67 PCH)
Watchdog Timer	Up to 8 stepping for porting
USB	2 x USB 2.0 port on front side, rest are internal pin headers
Expansion Slot	Mini PCI Slot (optional)
Other Features	LAN bypass function through latch relay
Power Supply	270W ATX power supply
OS Compatibility	Linux Redhat Kernel 2.6
Mechanical/ Environmental	
Form Factor	1U rackmount
LED	Power, HDD, Link/Act with transfer rate, LAN bypass, GPIO programmable (optional)
Operating Temp.	0° C - +45° C (32° F - 113° F)
Storage Temp.	-20° C - +70° C (-4° F - +158° F)
Humidity	10% - 90% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 392.26 mm (15.43") (D)
Weight (net/gross)	8.2 kg (18.08 lb)/9.8 kg (21.61 lb)
Certification	FCC class B / CE class B

## Features

- Supports LGA1155 socket Intel® Sandy Bridge & Ivy Bridge processors
- Four DIMM sockets support up to 8 GB non-buffer non-ECC memory (DDR3 1333, single & dual channel)
- Supports 8 10/100/1000Mbps Ethernet ports (Intel® 82574L is default)
- Supports BIOS redirected to COM port
- Supports two 2.5" SATA HDD
- Supports BIOS Quick Boot
- Supports Smart Fan for better thermal and acoustic performance
- Suitable for VPN, network bandwidth controller, firewall applications

## Ordering Information

Standard	
NA-560-R6GI	1U network appliance with Intel® Core™ processor and 6 10/100/1000Mbps
NA-560-R8GI	1U network appliance with Intel® Core™ processor and 8 10/100/1000Mbps
Optional	
CK9A104	Cable kit (P/N: 8816E320010E)
59416112100E	Cable DB9 (M) - RJ-45, L: 1.5M straight cable

\* Specifications and certifications are based on options and may vary.

\*\* Recommend ordering optional cable kit with first order.

## Packing List

- 1 x SATA Cable
- 1 x utility CD (user's manual and driver)
- 1 x power cord

## Dimensions

