

# NA570

Performance Network Appliance Platform with LGA1150, support Intel® Xeon® E3 / Core™ i family processors, up to 24 LANs



▲ Front view



▲ Rear view

## Introduction

NA570 1U rackmount Network Security Platform, supports the 4th generation Intel® Xeon® E3 / Core™ processor family, formerly codenamed "Haswell". NA570 offers greatly improved performance and reduced power consumption base on the new Intel architecture marked improvements in power efficiency and performance. The system supports up to 32GB DDR3 1600 non-ECC / ECC (only NA570) memory. NA570 support 4 pairs of LAN Bypass function. Bypass ports allow users to experience uninterrupted network traffic even if a single in-line appliance hangs or sudden shutdown. Expandable LAN Modules via the PCIe 3.0, support up to 24 GbE ports, or up to 4 ports at 10GbE, and a future upgrade to 40GbE, port density and optional networking ports to suit your demands.

## Specifications

System	
CPU	Intel® Xeon® E3-1275 v3, E3-1225 v3 (Haswell) (NA570) And other LGA1150 processors (NA570/NA570L)
Chipset	Intel® C226 (NA570)/H81(NA570L) Chipset (Lynx Point PCH)
Memory	2 x DDR3 1600 DIMM non-ECC (NA570L) 4 x DDR3 1600 DIMM non-ECC/ECC (NA570) max. up to 32GB
BIOS	AMI 64Mbits PnP Flash with function of BIOS redirected to COM port
HDD Interface	2 x 2.5 SATA HDD or 1 x 3.5" SATA HDD (optional)
Network Interface	8 x 10/100/1000Mbps Ethernet (Intel® i210AT) in NA570L, Single optional LAN module support, max. up to 16 LAN ports 8 x 10/100/1000Mbps Ethernet (Intel® i210AT) in NA570, Dual optional LAN module supports, max. up to 24 LAN ports
SSD	1 x Compact Flash™ type-II
I/O Interface	1 x console RJ-type connector, 2 x USB connector, 1 x VGA 6 x RJ-45, 8 x RJ-45
Watchdog Timer	255 stepping for porting
USB	2x USB 3.0 port on front side 2 x USB 2.0 internal pin headers only for NA570
Expansion Slot	1 x PCIe x8 slot (optional by NA570)
Other Features	LAN bypass function through latch relay two pairs for NA570/NA570L
Power Supply	ATX 270W or 1U Redundant 250W power supply (optional)
OS Compatibility	Linux Redhat Kernel

## Mechanical/ Environmental

Form Factor	1U Rackmount
LED	Power, HDD, Link/Act with transfer rate, LAN bypass, GPIO
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ +70°C (-4°F ~ +185°F)
Humidity	10% ~ 90% RH, non-condensing
Chassis Material	Steel
Dimensions	NA570 44mm (1.73")H x 430mm (16.93")W x 450mm (17.72")D NA570L 44mm (1.73")H x 430mm (16.93")W x 392mm (15.43")D
Weight (net/gross)	8.5 kg (18.74 lb)/ 9.8 kg (21.61 lb)
Certification	FCC / CE

## Features

- Supports the 4th generation Intel® Xeon® E3 / Core™ i family processors (Haswell)
- The Intel® AES New Instruction (AES-NI) enhancements included with NA570, use hardware-based acceleration to encrypt and decrypt data.
- 8 10/100/1000Mbps ports in default, 2 x expandable LAN modules, up to 16~24 LANs
- Max. support 32GB DDR3 1600 non-ECC / ECC (only NA570) memory
- Two 2.5" SATA HDD or One 3.5" SATA HDD (optional)
- ATX power supply in default, 1U redundant power supply by optional
- Suitable for UTM, VPN, Network bandwidth controller, Firewall Applications

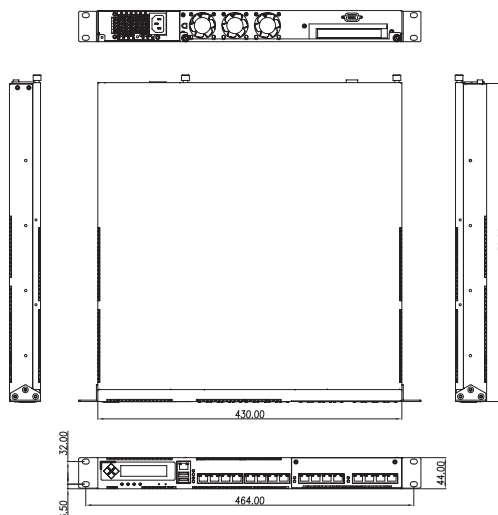
## Ordering Information

Standard	
NA570-R8GI-C226-US	LGA1150 socket for the 4th generation Intel® Xeon® E3 / Core™ processor family, 8 10/100/1000Mbps, 2 pairs LAN Bypass, 2 expandable LAN modules (optional)
NA570L-R8GI-H81-US	LGA1150 socket for the 4th generation Intel® Core™ processor family, 8 10/100/1000Mbps, 2 pair LAN Bypass, 1 expandable LAN modules (optional)

## Packing List

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

## Dimensions



\* All specifications and photos are subject to change without notice.