NA-360

1U Rackmount Network Appliance Platform with Intel® Crystal Forest (Gladden Platform) and up to 16 LANs

NEW

▲ Front view

▲ Rear view

Features

- Intel® Crystal Forest (Gladden platform) processor
- Intel® Xeon® and Intel® Core™ Processors (Gladden)
- Two DIMM sockets support up to 8 GB none-buffer ECC/ non-ECC memory (DDR3 1333, single channel)
- Supports 8 10/100/1000Mbps Ethernet ports (Intel® i210AT, default)
- 2 groups LAN bypass function through latch relay (default)
- Supports Intel® QuickAssist
- Supports LAN module expansion (supports copper and SFP fiber; please refer to NA-550 LAN module selection)
- Supports BIOS redirected to COM port
- Supports BIOS Quick Boot
- Smart Fan for better thermal and acoustic performance
- Suitable for VPN, network bandwidth controller, firewall applications

Introduction

The NA-360 is a 1U rackmountable network security hardware platform for VPN, firewall and other network security applications. It supports Intel® Crystal Forest (Gladden platform) with Intel® Cave Creek chipset and four DDR3 Dual Channel 1333 memory DDR3 1333 memory up to 8 GB. The NA-360 has powerful storage interfaces featuring one 2.5" SATA HDD and one CFast™. To solve shutdown issue, the NA-360 supports LAN bypass function through software program. Besides, the model also supports the QuickAssist technology IPSec engine, virtualization and DPDK (Data Plane Development Kit). It provides high performance in IPSec/Patten match/compression, and layer 3 routing performance in networking packets.

Specifications

System

CPU	Intel® Celeron® 725C 1.3 GHz/ Pentium® B915C 1.5 GHz Support Intel® Xeon E3-1105C/1125C (optional)
Chipset	Intel® DH8900CC/ DH8903CC PCH
Memory	4 x DDR3 1333 DIMM socket max. up to 8 GB ECC/non-ECC memory (single channel)
BIOS	AMI 64Mbits PnP Flash BIOS with function of BIOS redirected to COM port
HDD Interface	1 x 2.5 SATA HDD or 1 x 3.5 SATA HDD
Network Interface	8 x 10/100/1000Mbps Ethernet Intel® i210AT (default), Intel® 82574L (optional). Expandable up to 16 LAN ports via 1 x LAN module (AX93306/AX93312)
SSD	1 x CFast™
I/O Interface	1 x RS-232 (RJ-type connector), 2 x USB connector, 8 x RJ-45 connector
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	1 x PCIe x8 1 x PCI Express Mini Card slot
Other Features	LAN bypass function through latch relay (up to 4 groups, default is 2 groups)
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° ~ +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 427.8 mm (16.84") (W) x 430 mm (16.93") (D)
Weight (net/gross)	8.2 kg (18.08 lb)/9.8 kg (21.61 lb)
Certification	FCC class A /CE class A

Ordering Information

Standard

NA-360-R8GI	1U network appliance with Intel® Gladden™ processor and 8 10/100/1000Mbps

Optional

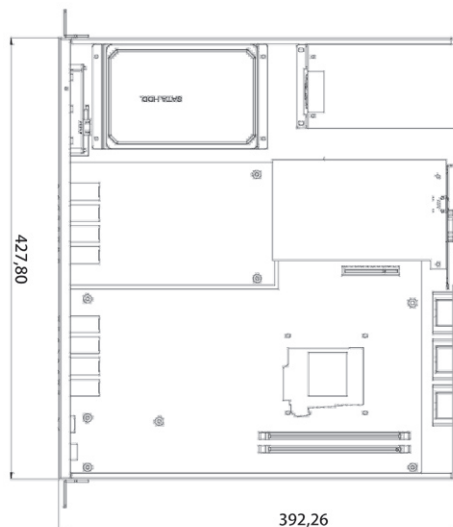|	
CK9A104	Cable kit (P/N: 8816E320010E)
59416112100E	Cable DB9 (M) - RJ-45, L: 1.5M straight cable

* 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

427,80

392,26

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