NA-360

1U Rackmount Network Appliance Platform with Intel® Celeron® 725C Processor and up to 16 LANs

▲ Front view

▲ Rear view

Introduction

The NA-360 is a 1U rackmountable network security hardware platform for VPN, firewall and other network security applications. It supports Intel® Celeron® 725C (Default)/ Pentium® B915C/ Core™ i3-2115C/ Xeon® E3 1105C/ Xeon® E5 1125C (Sandy Bridge Gladden) ; Pentium® B925C / Core™ i3-3115C/ Xeon® E3 1105v2 / Xeon® E3 1125v2 (Ivy Bridge Gladden) processors with Intel® Cave Creek chipset and two DDR3-1333 memory up to 16 GB. The NA-360 has powerful storage interfaces featuring two 2.5" SATA HDD and one CompactFlash™. The NA-360 supports LAN bypass function through software program. 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.

Features

- Integrated with Sandy Bridge Gladden/ Ivy Bridge Gladden processors + Cave Creek chipset. Default is Intel® Celeron® 725C, other processors could be selected by optional requests
- Two DIMM sockets support up to 16 GB none-buffer/ non-ECC memory (DDR3-1333, single channel)
- Supports 8 10/100/1000Mbps Ethernet ports
- 2 groups LAN bypass function through latch relay (default)
- Supports Intel® QuickAssist
- Supports LAN module expansion supports copper and fiber (AX93316/AX93322/AX93326/AX93307/AX93317)
- Supports BIOS redirected to COM port
- Supports BIOS Quick Boot
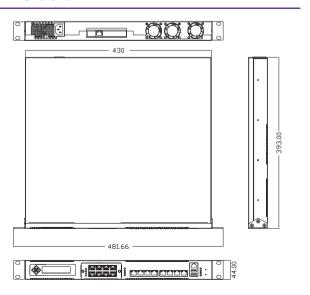- Suitable for VPN, network bandwidth controller, firewall applications

Specifications

System

CPU	Intel® Celeron® 725C processor
Chipset	Intel® DH8903CC PCH
Memory	2 x DDR3-1333 DIMM socket max. up to 16 GB ECC/non-ECC memory (single channel)
BIOS	AMI 64 Mbits 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 (optional)
Network Interface	8 x 10/100/1000Mbps Ethernet (default) 1 expandable LAN module, up to 16 LAN ports (optional) (AX93316/AX93322/AX93326/AX93307/AX93317)
SSD	1 x CompactFlash™ or 1 CFast™ (optional)
I/O Interface	1 x RS-232 (RJ-type connector), 2 x USB connector, 8 x RJ-45 connector
Watchdog Timer	255 stepping for system reset 8 stepping for LAN bypass
USB	2 x USB 2.0 port on front side, rest are internal pin headers
Expansion Slot	1 x PCIe x8 (optional) 1 x PCIe Mini Card slot (optional)
Other Features	LAN bypass function through latch relay (2 pairs in default, up to 7 pairs LAN bypass)
Power Supply	270W ATX power supply
OS Compatibility	Linux Redhat Kernel

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, Link/Act with transfer rate, LAN bypass, GPIO programmable (optional)
Operating Temp.	0° ~ +40°C (32°F ~ 104°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 (16.92") (W) x 392 mm (15.44") (D)
Weight (net/gross)	8.2 kg (18.08 lb)/ 9.8 kg (21.61 lb)
Certification	CE

Ordering Information

Standard

NA-360-R8GI-725C	1U network appliance with Intel® Gladden Celeron® 725C processor and 8 10/100/1000Mbps, 1 LAN module support (optional)

Packing List

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

Dimensions

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