

NA-2701

Performance Network Appliance Platform w/ Intel® Xeon® Processor and 7 LANs

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Network Appliances

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NA-2701A Front view



Rear view

Introduction

The NA-2701 is a 2U rackmount type network security hardware platform for VPN, network bandwidth controller, firewall, IDS... etc. It supports Intel® Xeon® processor w/ server core logic Intel® E7501. It provides reliable and advanced performance with strong computing power for complex networking protocols environment. The on board system memory can be up to 8GB register memory. It also can support DOM (Disk On Module) or CF (CompactFlash™) for embedded OS. Two 3.5" hard drive space is reserved for different storage purposes. The NA-2701 features with seven 10/100/1000Mbps Gigabit Ethernet LAN ports. Each Ethernet interface has LED indicators for activity and network transfer rate display. Building in the onboard VPN core logic, it can not only offload the VPN packet transformation, but enhance the cryptographic computation for key management handshaking as well. The NA-2701 is a high-end network security hardware platform which is designed for advanced CPU computing capability.

Specifications

System	
CPU	Intel® Xeon® processor (512K L2 cache up to 3.06GHz, 1MB L1 cache up to 3.20GHz)
Memory	Up to 8GB DDR266 ECC register memory
Chipset	Intel® E7501 + ICH3-S
BIOS	Phoenix-Award BIOS
Network Interface	7 x Gigabit (Intel® LAN 82546 x 3, Intel® LAN 82541 x 1)
SSD	One CompactFlash™ Type II socket
I/O Interface	One RS-232 DB9 connector
USB	2 x USB port; USB 1.1 compliant
Power	One redundant 460W power supply
Mechanical/ Environmental	
Form Factor	2U rackmount
LED	1 x power, LAN ACT / link and data transfer rate, 1 x HD
LCM	Programmable, thru RS-232 interface 4 hard keys on the front panel for user's operation
Operating Temperature	0°C - 45°C (32°F~113°F)
Storage Temperature	-20°C - 70°C (-4°F~158°F)
Humidity	5% - 95% RH, non-condensing
Chassis Material	Steel
Dimensions	88mm (3.46")(H) x 427mm (16.81")(W) x 392.75mm (15.46")(D)

Packing List

Power cord
Cable kit (1x40-pin IDE, console cable)
Utility CD (Users manual and driver)

Features

- ▶ Supports dual Intel® Xeon® processor w/ hyper threading technology
- ▶ Supports one PCI-X 64bit/133MHz expansion slot through a riser card
- ▶ Supports seven LAN ports for 10/100/1000Base-T (optional three in copper, another four in fiber connections)
- ▶ Supports BIOS redirected to COM port features
- ▶ Supports on board accelerate IPsec and incorporates security engines
- ▶ Supports RS-232, 2 USB and DOM (DiskOnModule®)
- ▶ LCM setting function is available
- ▶ Suitable for Network Appliances: VPN, network bandwidth controller, SSL/TLS, firewall, IDS... etc.



NA-2701B

Ordering Information

NA-2701A	Performance Network Appliance platform with 7 Gigabit LAN (Seven copper) ports
NA-2701B	Performance Network Appliance Platform with 7 Gigabit LAN (Four fiber and three copper) ports

Dimensions

