

# NSA 1086

Intel® Pentium® 4/Celeron® 1U Rackmount Network Security Appliance with 4 PCI 10/100 and 4 PIC-E GbE LAN



## Features

- ◆ 1U Rackmount Network Platform
- ◆ Intel® Pentium® 4 LGA 775 CPU (Max. 3.4GHz with 800MHz FSB and 2MB Cache)
- ◆ Intel® 915 GV Chipset
- ◆ 240-pin DIMM x 2, support Max. 2GB DDR II 400/533 memory
- ◆ Built-in PCI LAN port x 4, PCI-E GbE LAN port x 4
- ◆ One PCI and one mini-PCI Expansion slot
- ◆ On-board Compact Flash Socket
- ◆ Internal 3.5" HDD Bay
- ◆ Support LAN By-pass
- ◆ Optional LCM

## Specifications

### Construction

- ◆ 1U Rackmount chassis, heavy-duty steel

### Dimension

- ◆ 426mm(W) x 419.1(D) x 43.5(H)mm(16.8"x16.5"x1.72")

### Processor

- ◆ Intel® Pentium®4 LGA 775 CPU(Max. 3.4GHz with 800MHz FSB and 2MB Cache)

### Chipset

- ◆ Intel® 915GV and ICH6

### Memory

- ◆ 240-pin DIMM x 2, support Max. 2GB DDR II 400/533 memory

### BIOS

- ◆ Award System BIOS
- ◆ Support Console redirection
- ◆ Support Power on after power fail as the BIOS option
- ◆ By-pass enable/disable as the BIOS option

### PCI Expansion

- ◆ On-board 32bit/33MHz Mini PCI Socket x 1 ( Master )

### Storage

- ◆ IDE 3.5" HDDx 1 (Stand Type) or IDE 3.5" HDDx 2 (Silim Type)
- ◆ SATA3.5" HDD x 1 (Stand Type) or SATA 3.5" HDD x 2 (Silim Type)
- ◆ On-board Compact Flash Socket (Primary Channel)

### Cooling System

- ◆ On-board 40 x 40 mm fan x 2
- ◆ System 40 x 40 mm fan x 2 at Rear

### Ethernet

- ◆ Marvell 8053 x 4 ( PCI Express x 1 ) :

Copper (Base T, RJ45 with LED) GbE port x 4 (1,2,3,4)  
LAN 1&2 support by-pass function

- ◆ Marvell 8001 x 4 (PCI 32bits/ 33MHz) :  
Copper (Base T, RJ45 with LED) GbE port x 4 (A,B,C,D)
- ◆ LAN C&D support by-pass function

### System Control and Indicator

- ◆ Power LED x 1 at Front
- ◆ HDD Active LED x 1 at Front
- ◆ AT Power Switch x 1 at Rear

### System I / O Interface

- ◆ COM port X 2 ( Front X 1, Rear X1 )
- ◆ USB 2.0 port x 4 ( Front X 2, Rear X2 )
- ◆ GPIO : 4 in 4 out
- ◆ Optional 16 x 2 characters LCD Module with keypads through PIO Interface

### Expansion

- ◆ One on-board 32bit / 33MHz Mini PCI socket (Master)
- ◆ One on-board 32bit / 33MHz PCI slot (Master)

### Power Supply

- ◆ SEASONIC Power Supply: SS-250EPS1U-C
- ◆ AT Mode only

### Color

- ◆ PANTONE 295U

### Environment

- ◆ Operating temperatures : 0°C to 40°C
- ◆ Storage temperatures : -20°C to 80°C
- ◆ Relative humidity : 10% to 90% (Non-condensing)

### Certification

- ◆ CE
- ◆ FCC

## Ordering Information

Model Name	Chassis	Ethernet port	COM port	USB port	Compact Flash	LCM Module	Power Supply
NSA 1086	1U Rackmount	8GbE	2	4	Yes	No	AT 250W
NSA 1086L	1U Rackmount	8GbE	2	4	Yes	Yes	AT 250W

## Optional Accessory

Model Name	Description
NSBR1-32	One slot 32bit PCI riser card

