

# NA-0043

Compact Network Appliance Platform w/ ULV Intel® Celeron® M and 4 LANs



## Introduction

The NA-0043 series is a slim or 1U desktop network security hardware platform for VPN, network bandwidth controller, firewall, ID...etc. The slim type network security platform series (NA-0043A/C) supports Ultra Low Voltage Intel® Celeron® M processor, and the 1U desktop platform (NA-0043G) supports Pentium® M processor. The models are suitable for SOHO environments where a fanless system is preferable. The NA-0043 series operates on low-power consumption CPU's, yet produces great computing capability. The platforms utilize up to 1GB of system memory. The 1U desktop platform provides flexible storage via a CompactFlash™ type II socket. One 2.5" hard drive space is reserved for different storage purposes within NA-0043 series, and also boasts four 10/100Base-T Ethernet ports. Each network interface has LED indicators to verify activity and network transfer rates. The 1U desktop platform has the optional ability to run a security VPN co-processor adapter through the Mini-PCI slot. The slim platform is a full fanless network appliance platform.

## Specifications

System	
CPU	Ultra Low Voltage Intel® Celeron® M or Pentium® M Processor
Memory	200 Pin, DDR266 SODIMM (Up to 1GB), the height cannot over 1.25"
Chipset	Intel® 852GM + ICH4
BIOS	Phoenix-Award BIOS
Network Interface	4 10/100Mbps connections
SSD	One CompactFlash™ Type II socket (For NA-0043G)
I/O Interface	One RS-232 DB9 connector
USB	2 x USB port; USB 2.0 compliant
Power	One 12V, 5A power adapter
Mechanical/ Environmental	
Form Factor	Slim desktop and 1U desktop
LED	1 x power, 4 x double-layer indicators for network connector as ACT / link and data transfer rate, 1 x HDD
Operating Temperature	0°C - 45°C
Storage Temperature	-20°C - 70°C
Humidity	5% - 95% RH, non-condensing
Chassis Material	Steel
Dimensions	30mm (1.81") (H) x 214mm (8.43") (W) x 150mm (5.91") (D) for NA-0043A/C 44mm (1.73") (H) x 214mm (8.43") (W) x 150mm (5.91") (D) for NA-0043G

## Packing List

DC power adapter 12V / 5A  
Cable kit (1 x 40-pin IDE, console cable, cross over cable)  
Quick installation guide and utility with driver CD

## Features

- ▶ Ultra low voltage Intel® Celeron® M or Intel® Pentium® M processor with high computing power
- ▶ Supports four networking ports
- ▶ Supports LAN bypass and BIOS redirected to COM port features
- ▶ Completely fanless system design for most of models
- ▶ Supports accelerate IPsec and incorporates security engines through Mini PCI socket (for NA-0043G)
- ▶ Supports RS-232, 2 USB and CF (for NA-0043G)
- ▶ Suitable for Network Appliances: VPN, Network Bandwidth Controller, SSL/TLS, Firewall, IDS...etc.

## Ordering Information

Model	Form Factor	LAN Ports	Min-PCI	CPU	Compact Flash	Fan-less
NA-0043A	Slim	4 x 10/100Mbps (Realtek 8100C)	X	*	X	V
NA-0043C	Slim	4 x 10/100Mbps (Intel® 82551)	X	*	X	V
NA-0043G	1U, Desktop	4 x 10/100Mbps (Intel® 82551)	V	**	V	X

\* Ultra Low Voltage Intel® Celeron® M Processor, Zero Cache, 600 MHz

\*\* Intel® Pentium® M Processor

## Dimensions

