NA-810C

1U Rackmount Network Appliance Platform with VIA C7 Processor and 4 LANs

▲ Front view

▲ Rear view

Low Power

Introduction

The NA-810C is a 1U rackmountable network hardware platform for VPN, firewall and other network applications. It supports VIA C7 low power CPU. The system supports up to 1GB of SO-DIMM DDR2 memory for storing event log data and the NA-810C utilizes two internal 2.5" HDD's. With other optional features such as LAN bypass, the NA-810C can be controlled through WDT and GPIO pin definitions without downtime. For LAN connections, the platform has two different configurations, making it a cost-effective solution.

Specifications

System

CPU	Onboard low power VIA C7 1.5 GHz processor
Chipset	VIA CN700 and VIA 8237R+
Memory	1 x DDR2 400/533 SO-DIMM max. up to 1 GB
BIOS	Award 4Mbit PnP Flash BIOS with function of BIOS redirected to COM port
HDD Interface	2 x 2.5 IDE HDD or SATA HDD
Network Interface	4 x 10/100Mbps Ethernet (Realtek 8100C)
SSD	1x CompactFlash™ type-II
I/O Interface	1 x RS-232 (DB9 connector), 2 x USB connector, 4 x RJ-45 connector
Watchdog Timer	255 stepping for porting
USB	2 x USB 2.0 port on front side, rest are internal pin headers
Expansion Slot	1 x 32bit/33MHz MiniPCI slot
Other Features (option)	LAN bypass function through WDT and GPIO pin control
Power Supply	84W switching power supply (open frame)
OS Compatibility	Linux Redhat Kernel 2.4 and 2.6, FreeBSD

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, Link/Act with transfer rate (RJ-45)
Operating Temp.	0° ~ +45°C (32°F ~ 113°F)
Storage Temp.	-20°C ~ +70°C (-4°F ~ +158°F)
Humidity	10% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 248 mm (9.76") (D)
Weight (net/gross)	7 kg (15.43 lb)/8 kg (17.64 lb)
Certification	FCC class A

Features

- Low power and high performance VIA C7 processor
- Supports four 10/100Mbps Ethernet ports (Realtek 8100C is default)
- Supports BIOS redirected to COM port
- Supports two 2.5" IDE or SATA HDD
- Supports VRAID function (optional)
- Suitable for VPN, network bandwidth controller, firewall applications

Ordering Information

Standard

NA-810C-R4ER-1.5G	1U low power network appliance with VIA C7 1.5 GHz CPU, 4 10/100Mbps

Optional

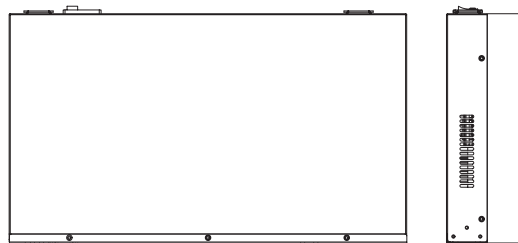|	
CK9A100	Cable kit (P/N: 88080000640E)

* Specifications and certifications are based on options and may vary.

** Recommend ordering optional cable kit with first order.

Packing List

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

Dimensions

248.0
44.1
430.1
NA-810C