

NA-811C

1U Rackmount Network Appliance Platform
with Socket 479 ULV Intel® Celeron® M/
Pentium® M Processor and 4 LANs



▲ Front view



▲ Rear view



Low Power

Introduction

The NA-811C energy-saving 1U rackmountable network appliance platform is configured with an ultra low power Intel® Celeron® M / Pentium® M processor with the Mobile Intel 915GME chipset, delivering exceptional performance with minimum power consumption. The NA-811C supports two DDR2 SO-DIMM slots with 400/533 memory up to 2GB capacity. Available with four Gigabit Ethernet ports thru PCIe interface with IP / UDP / TCP checksum offloading and VLAN tag support, the platform delivers high throughput. To prevent problems from sudden shutdown, the NA-811C supports a LAN bypass function through WDT and GPIO pin definitions. The NA-811C has space for two 2.5" SATA HDD or one 3.5" SATA HDD up to Terabytes storage space for storing event log data.

Specifications

System	
CPU	Socket 479 for Intel® Pentium® M processor
Chipset	Intel® 915GME and Intel® ICH6M
Memory	2 x DDR2 400/533 SO-DIMM max. up to 2 GB
BIOS	Award 4Mbit PnP Flash BIOS with function of BIOS redirected to COM port
HDD Interface	Up to 2 x 2.5" SATA HDD (default) or 1 x 3.5" SATA HDD (optional)
Network Interface	4 x 10/100/1000Mbps Ethernet (Intel® 82573L)
SSD	Supports DiskOnModule
I/O Interface	1 x RS-232 (DB9 connector), 2 x USB connector, 4 x RJ-45 connector, 1 x AC power inlet
Watchdog Timer	255 stepping for porting
USB	2 x USB 2.0 port on rear side, rest are internal pin headers
Expansion Slot	1 x 32bit/33MHz MiniPCI slot
Other Features	LAN bypass function through WDT and GPIO pin control
Power Supply	Open frame 84W power
OS Compatibility	Redhat Linux Kernel 2.4 and 2.6

Mechanical/ Environmental

Form Factor	1U 19" rackmount
LED	Power, HDD, Link/Act with transfer rate
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 (15.43lb)/8 kg (17.64lb)
Certification	FCC class A

Features

- Low power and high performance socket 479 Intel® Pentium® M processor
- Supports four 10/100/1000Mbps Ethernet ports (Intel® 82573L)
- Supports BIOS redirected to COM port features
- Supports up to two 2.5" SATA HDD
- High computing performance and throughput for processor and LAN ports
- Suitable for network appliance: VPN, network bandwidth controller, firewall and UTM

Overview

SOHO Series

SMB Series

Accessories

Ordering Information

Standard

NA-811C-R4GI	High performance network appliance with socket 479 Intel® Pentium® M, 4 10/100/1000Mbps
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Optional

CK9A100	Cable kit (P/N: 88080000640E)
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* Specifications and certifications are based on options and may vary.

** Recommend ordering optional cable kit with first order.

Packing List

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

Dimensions

