NA-811C

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





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 deliveries 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

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 2×2.5 SATA HDD (default) or 1×3.5 " 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

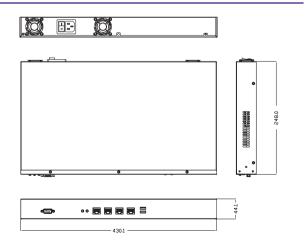
SMB Series

Accessories

Standard		
NA-811C-R4GI	High performance network appliance with socket 479 Intel [®] Pentium [®] M, 4 10/100/1000Mbps	
Optional		
CK9A100	Cable kit (P/N: 88080000640E)	
* Specifications and	certifications are based on options and may vary.	
** Recommend order	ring optional cable kit with first order.	
Packing Lis	t	
1 x SATA cable		
1 x utility CD (user's	manual and driver)	

Dimensions

1 x power cord



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