

NA-811A/B

Desktop Network Appliance Platform with ULV Intel® Celeron® M/
Pentium® M Processor and 4 LANs



Low Power

Features

- Low power and high performance ULV Intel® Celeron® M 1 GHz with 0K cache or socket 479 Intel® Pentium® M processor
- Supports 4 10/100/1000Mbps Ethernet ports (Intel® 82573L)
- Supports BIOS redirected to COM port features
- Supports one 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

Ordering Information

Standard	
NA-811A-D4GI-1G	Low power network appliance with ULV Intel® Celeron® M 1 GHz/0K (L2 cache) CPU, 4 10/100/1000Mbps
NA-811B-D4GI	High performance network appliance with socket 479 Intel® Pentium® M, 4 10/100/1000Mbps
Optional	
CK9A100	Cable kit (P/N: 88080000640E)

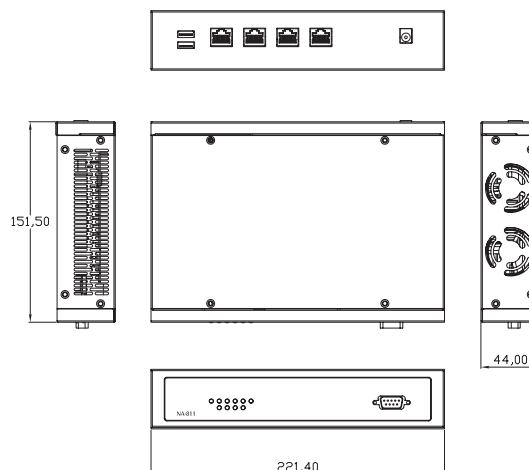
* Specifications and certifications are based on options and may vary.

** Recommend ordering optional cable kit with first order.

Packing List

- 1 x DC power adapter 12V/5A
- 1 x SATA cable
- 1 x utility CD (user's manual and driver)

Dimensions



Introduction

The NA-811 series is a 1U desktop form factor with four Gigabit LAN ports designed for small and home office applications. It supports a socket 479 Intel® Pentium® M processor or an ULV Intel® Celeron® M 1GHz/0K (L2 cache) processor. To prevent network problems when the platform shuts down, the NA-811 series supports one group of LAN bypass function through WDT and GPIO pin definitions. In order to provide the best network performance and best utilization, the powerful storage interface includes one 2.5" SATA HDD and CompactFlash™. One MiniPCI slot with 32-bit/33MHz is available for expansion if customer wish to install wireless module or VPN card.

Specifications

System	
CPU	ULV Intel® Celeron® M 1 GHz and 0K L2 cache processor onboard (NA-811A) Socket 479 for Intel® Pentium® M processor (NA-811B)
Chipset	Intel® 910GML and Intel® ICH6M (NA-811A) Intel® 915GME and Intel® ICH6M (NA-811B)
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	1 x 2.5" SATA HDD
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 DC-in power jack
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 Feature (optional)	LAN bypass function through WDT and GPIO pin control (one group)
Power Supply	1 x 12V, 5A power adapter
OS Compatibility	Redhat Linux Kernel 2.4 and 2.6
Mechanical/ Environmental	
Form Factor	1U desktop
LED	Power, HDD, Link/Act with transfer rate
Operating Temp.	0°C - +40°C (32°F - 104°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 221.4 mm (8.26") (W) x 151.5 mm (5.96") (D)
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certification	FCC class B/CE class B