

NA342

Desktop Network Appliance Platform
with Atom™ Bay Trail E3825 Processor
and 4 LANs

NEW



▲ Front view



▲ Rear view

Introduction

NA-342 is compact network hardware platform for VPN, Firewall, UTM and other network security applications. It supports low power Atom™ Bay Trail up to 4C@ 2.0GHz processor. The system supports up to a maximum of 8GB of DDR3L memory. In addition, NA-342 features one internal 2.5" HDD for storing event log and a Mini PCIe for wireless card installation. The NA342 has an optional feature to support LAN bypass function through WDT and GPIO pin definitions to prevent sudden shutdown.

Specifications

System	
CPU	Intel® Atom™ E3825 processor Intel® Celeron® J1900 processor (optional)
Chipset	N/A
Memory	1 x DDR3L SO-DIMM socket. Max up to 8 GB non-buffer
BIOS	AMI 16Mbits PnP Flash 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® i210AT)
SSD	1 x CompactFlash™ type-II
Watchdog Timer	Up to 8 stepping for porting
I/O Interface	1 x console RJ-type connector, 2 x USB connector, 4 x RJ-45 connector
USB	1 x USB 2.0 & 1x USB 3.0 port on front side
Expansion Slot	PCIe Mini Card (USB transaction bus)
Other Features	LAN bypass function through latch relay (one group) (Optional)
Power Supply	12V/5A
OS Compatibility	Linux Redhat Kernel 2.6

Mechanical / Environmental

Form Factor	1U desktop
LED	Power, HDD, Link/Act with transfer rate, LAN bypass (optional), GPIO programmable
Operating Temp.	0°C ~ +40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ +70°C (-4°F ~ +185°F)
Humidity	10% ~ 90% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 230 mm (9.00") (W) x 152.8 mm (6.01") (D)
Weight (net/gross)	2.5 kg (5.51 lb)/2.9 kg (6.39 lb)
Certification	FCC class B / CE class B

Features

- Low power and high performance Intel® Atom™ Bay Trail E3825 processor
- Supports 4 10/100/1000Mbps Ethernet ports (Intel® i210AT)
- Supports BIOS redirected to COM port
- Supports one 2.5" SATA HDD
- Supports wireless
- Suitable for VPN, network bandwidth controller, firewall applications

Ordering Information

Standard

NA342-D4GI-US	Desktop network appliance with Intel® Atom™ E3825 processor and 4 10/100/1000Mbps
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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 power cord
1 x utility CD (user's manual and driver)

Dimensions

