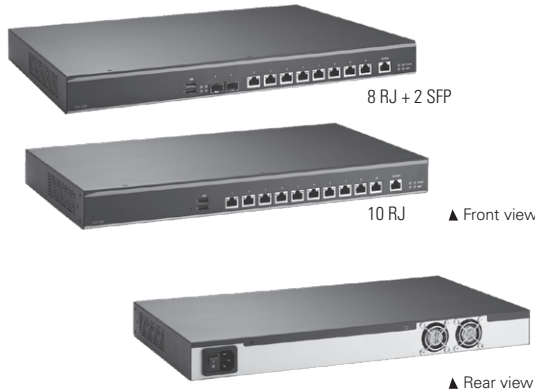


# NA-330

1U Rackmount Network Appliance Platform  
with Intel® Atom™ Processor D525 and  
10 LANs



## Introduction

The NA-330 is a 1U rackmountable network security hardware platform for VPN, firewall and other network security applications. It supports low power Intel® Atom™ processor D525 1.8 GHz with Intel® ICH8M chipset and a DDR3 800 memory up to 4 GB. The wLAN ports are available in copper and fiber configurations to meet different requirements. For storing event data, the NA-330 utilizes two 2.5" SATA HDD or 3.5" SATA HDD. Meantime, it supports CompactFlash™ or optional SATA DoM. To ensure an uninterrupted network connection, the two-group bypass function acts automatically when the system is powered down or off.

## Specifications

| System            |  |
|-------------------|--|
| CPU               | Intel® Atom™ D525 1.86 GHz with 1M L2 cache  |
| Chipset           | Intel® ICH8M   |
| Memory            | 2 x DDR3 800 (single channel) SO-DIMM max. up to 4 GB (unbuffered non-ECC)   |
| BIOS              | AMI 8Mbit PnP Flash BIOS with function of BIOS redirected to COM port  |
| HDD Interface     | 2 x 2.5" SATA HDD (default) or 1 x 3.5" SATA HDD (optional)  |
| Network Interface | 10 (RJ-type) x 10/100/1000Mbps Ethernet (Intel® 82583V, 82572EI, 82541PI) or 8 (RJ-type) + 2 (SFP type, fiber) 10/100/1000Mbps Ethernet (Intel 82583V, 82572EI, 82541PI) |
| SSD               | 1 x SATA DOM or 1x CompactFlash™   |
| I/O Interface     | 1 x RS-232 (RJ-type connector)<br>2 x USB connector, 10 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 PCIe Mini Card slot (USB transaction bus)  |
| Other Features    | LAN bypass function through WDT and GPIO pin control (default) LAN bypass (2 groups)   |
| Power Supply      | 84W open frame   |
| OS Compatibility  | Linux Redhat Kernel 2.6  |

## Mechanical/ Environmental

|                    |   |
|--------------------|---|
| Form Factor        | 1U rackmount  |
| LED                | Power, HDD, Link/Act with transfer rate, LAN bypass (default), GPIO programmable (optional) |
| 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 255 mm (10.03") (D)                               |
| Weight (net/gross) | 3.3 kg (7.27 lb)/4.3 kg (9.47 lb)   |
| Certification      | FCC class A/CE class A  |

\* All specifications and photos are subject to change without notice.  
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## Features

- Low power and high performance Intel® Atom™ processor D525 1.8 GHz with 1M L2 cache and Intel® ICH8M chipset
- Supports 10 10/100/1000Mbps Ethernet ports or optional fiber solution (Intel® 82583V, 82572EI, 82541PI)
- Supports two groups LAN Bypass
- Supports single mode or multi mode fiber connection by SFP flexible design
- Supports two DDR3 SODIMM max. up to 4GB unbuffer and none-ECC Memory
- Supports BIOS redirected to COM port
- Supports two 2.5" SATA HDD or one 3.5" SATA HDD
- Suitable for VPN, network bandwidth controller, firewall applications
- Supports Intel® Hyper-Threading technology

Overview

SOHO Series

SMB Series

Accessories

## Ordering Information

### Standard

|                      |  |
|----------------------|--|
| NA330-RAGI-1.8G-D525 | 1U network appliance with ULV Intel® Atom™ processor D525 1.8 GHz and 10 10/100/1000 Mbps (10 RJ)      |
| NA330-RAMI-1.8G-D525 | 1U network appliance with ULV Intel® Atom™ processor D525 1.8 GHz and 10 10/100/1000 Mbps (8 RJ+2 SFP) |

### Optional

|              |   |
|--------------|---|
| CK9A104      | Cable kit (P/N: 8816E320010E)                 |
| 59416112100E | Cable DB9 (M) - RJ-45, L: 1.5M straight cable |

\* 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   |
| 1 x RJ-45 to DB9 (F) 1.8M console cable (RC) cross cable |

## Dimensions

