

NA361

Compact Network Appliance Platform with Intel® Atom™ Rangeley Processor and 6 LANs

NEW



▲ Front view



▲ Rear view

Introduction

NA361 is a 1U desktop network appliance platform for VPN, Firewall, UTM and other network applications. It supports low power Intel® Rangeley Atom™ Soc up to 2.4 GHz processor. NA 361 empowers its performance on Rangeley with 8 cores and supports Intel® AES New Instructions (AES-NI) and VT-x virtualization while the new Crypto Engine enables Intel® 4 x DDR3 UDIMM socket up to 64GB, unbuffered non ECC/ECC memory (dual channel) and QuickAssist Technology that supports 128-, 192- and 256-bit AES, 3DES, DES. To prevent problems from sudden shutdown, the NA361 supports LAN bypass function through software program and one 2.5" SATA HDD or one CompactFlash™ for storing event log data. It also supports a Mini PCIe Card (USB bus) expansion slot for Wi-Fi.

Specifications

System	
CPU	Intel® Atom™ Rangeley 2-8 cores up to 2.4 GHz
Memory	4 x DDR3 1600MHz UDIMM socket max. up to 64 GB unbuffered non-ECC/ECC memory (Dual channel)
BIOS	AMI 64Mbits PnP Flash with function of BIOS redirected to COM port
HDD Interface	1 x 2.5 SATA HDD or m SATA for optional
Network Interface	6 x 10/100/1000Mbps Ethernet (i347 & i210) 4RJ+2SFP for optional 2 pairs LAN bypass (optional)
SSD	1 x Compact Flash™ type-II 1 x CFast™ (optional)
I/O Interface	1 x RS-232 (RJ-type), 2 x USB connector, 6 x RJ-45 connector
Watchdog Timer	255 stepping for system reset 8 stepping for LAN bypass
USB	2 x USB 2.0 port on rear side
Expansion Slot	1 x PCIe Mini Card
Other Features	LAN bypass function through latch relay
Power Supply	1 x 12V, 5A power adaptor
OS Compatibility	Yocto OS

Mechanical/ Environmental

Form Factor	1U desktop
LED	Power, HDD, Link/Act with transfer rate
Operating Temp.	0° ~ +40°C (32°F ~ 104°F)
Storage Temp.	-20° ~ +70°C (-4°F ~ +158°F)
Humidity	10% ~ 90% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 231 mm (9.09") (W) x 197 mm (7.76")
Weight (net/gross)	2.35 kg (5.18 lb)/2.61 kg (5.75 lb)
Certification	FCC class B/CE class B

Features

- Intel® Rangeley Soc up to 2.4 GHz with 4M L2 cache processor
- Supports 6 10/100/1000 Ethernet ports (i347-AT4 & i210)
- Supports Bios redirected to COM port feature
- Supports One 2.5" SATA2 HDD
- Supports SIM socket for 3G (optional)
- Supports Intel® Quick Assist Technology
- Supports Intel® DPDK enabling software
- Suitable for VPN, network bandwidth controller, firewall and UTM applications

Overview

SOHO Series

SMB Series

Accessories

Ordering Information

Standard

NA361-D6GI-CF-US	Compact network security appliance with Intel® Rangeley Soc processor and up to 6 LAN ports
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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 DC power adaptor 12V/5A
1 x SATA cable
1 x utility CD (user's manual and driver)

Dimensions

