



Intel Atom N270 Ultra Low Power High Performance Network Security Appliance with 4 ports GbE LAN Plus 1 port FE LAN



Feature

- 1U Rack Mount Network Security Platform
- Intel® Atom N270 1.6 Ghz Processor , 533 Mhz FSB
- Intel® 945GSE North & ICH7-M South Bridge Chipset
- On board DDR2 memory + SODIMM , Up to 1.5 GB w/o ECC
- Build-in 4 ports GbE LAN + 1 port FE LAN
- Pre-setting By-pass when power Off
- Supports one PCI slot
- Support Console Port & VGA (optional) display interface



Specification

Form Factor

- 1U Rack Mount Chassis , Heavy-Duty Steel

Dimension

- Compact size 482(W) X 228.6(D) X 43.5(H) mm

Processor

- Support Intel® Atom N270 1.6Ghz low power Processor
- 437 pin package , 533 Mhz FSB , 512KB L2 Cache

Chipset

- Intel® 945GSE North & ICH7-M South Bridge Chipset

Memory

- On board 512MB + 1 SODIMM Socket , Up to 1.5 GB w/o ECC , 533 Mhz DDR2 Memory

BIOS

- Award System BIOS
- Support Console Redirection
- Support Power on after power fail as the BIOS option

Extra Linux Driver

- LAN By-pass Driver
- Watch-Dog Timer Driver
- System Status LED Control Driver
- Push Button Shutdown Driver

Disk Drive Storage

- 1 Drive bay for 2.5" SATA HDD (3.5" Drive by request **)
- 1 Compact Flash storage slot

Expansion

- Optional support PCI-32 slot *

Ethernet

- 4 ports of PCI-E I/F Intel 82574L Giga bit LAN controller
- 1 port of PCI I/F Intel 82551ER FE LAN controller

Pre-setting By-pass function when Power ON/OFF

- 2 ports of Giga bit LAN support LAN By-pass function
- LAN By-pass function Enable / Disable pre-setting by BIOS when power ON or OFF

System Management

- 1 ports of DB-9 Series Console at front panel
- 2 ports USB 2.0 in the Front
- One SO-DIMM.

Watchdog timer

- Software programmable WDT from 1 to 255 seconds/minutes

Internal reserved I/O

- Keyboard / Mouse pin header interface
- VGA pin header interface
- RS-232 COM port w/o Transceiver , pin header interface

Power Supply

- 150W industry grade open frame power supply
- AC 90~264V full range at 47~63 Hz

Power ON/OFF mode

- AT Power ON/OFF mode

Color

- Black 4U (optional color by special request)

Environment

- Operation temperature : 0°C ~ 60°C
- Storage temperature : -20°C ~ 80°C
- Relative humidity : 10% ~ 90% (Non-condensing)

Certification

- CE Class A
- FCC Class A

Ordering Guide

| Ordering NO. | Memory | GbE LAN Port | FE LAN Port | HDD Drive bay | LAN By-Pass | LCM | Power supply |
|--------------|--------|----------------|----------------|---------------|-------------|-----------|-----------------|
| | 512MB | 4 Copper RJ-45 | 1 Copper RJ-45 | SATA 2.5" | Available | Available | 150W open frame |

* PCI-32 expansion slot by special request

** If use 3.5" HDD Drive be configuration with 150W industry grade power supply