

NS-840/615 4U Rackmount Server Platform

with **Pentium4**, 2.4GHz CPU
Gigabit Ethernet/Two Lan Ports/2GB DDR



Features

- Pentium4 processor up to 2.4GHz
- Gigabit Ethernet
- Intel 845 Chipset
- Two Lan Ports
- 2GB DDR Ram
- 16MB VGA Memory

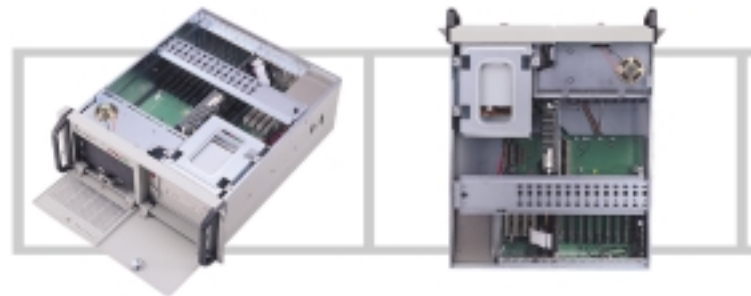
Introduction

ADLINK's NS-840/615 Series consists of a 4U Rackmount CTI-Server that provides flexible solutions for SI's and ISV's in CTI, Telecommunications and in Industrial Applications. Designed for Carrier-Grade CTI and Industrial Applications requiring ultimate networking throughput, the NS-840/615 is equipped with a 2.4GHz Pentium 4 CPU, 2GB of DDR memory and a Gigabit Ethernet. With a 400MHz Front Side Bus and software programmable Watchdog timer, it provides the highest manageability and performance. In addition, the 16MB VGA delivers rich AGP graphics capability for multimedia applications and the 14~15 expansion slots provide the best scalability for multiple application integrations.

Choose ADLINK's NS-840/615 and enjoy the power of the Pentium 4 and super communications throughput of the Gigabit Ethernet and be at the forefront of today's computing era.

Application

- CTI
- IVR
- VoIP Gateway
- SS7 Application
- Industrial Control
- Industrial Automation
- Transportation



Specifications NS-840/615

Processor System	CPU	Socket 478 Intel Pentium4
	Max Speed	2.4GHz
	L2 Cache	512KB
	Chipset	Intel 845D(with ICH2)
	BIOS	Award PnP BIOS
Bus	Front Side Bus	400MHz
Memory	Technology	184-pin DDR DIMM
	Max.Capacity	2GB
	Socket	DIMMx2
Graphic	Controller	SiS 305 3D graphic engine
	VRAM	16MB
	Resolution	1600x1200
Ethernet	Interface	1000 BaseTXx1+10/100 BaseTXx1
	Controller	Intel 82540,82562
Hardware Monitoring	Built in	CPU temperature,CPU Fan,System Temperature and DC Voltage
Watch Dog Timer	Programmable	I/O port 2Eh and 2Fh to config,programmable timer
		1~255 sec or 1~255 minutes
Drive Bay	3.5"HDD	3x5.25" +1x3.5"(ATA-100)
	CDROM	5.25" or 3.5"
	FDD	5.25" or 3.5"
I/O Interface	USB	2(by pin header)
	PS/2	2(Y-Cable)
	COM Ports(RS-232)	2
Flash Disk	Type	Flash Module DOM(8MB~256MB) or 2.5" IDE flash disk(16MB~2GB)
Cooling	Fan	One 120mm 98 CFM ball bearing cooling fans
Operating System	Capatible	Windows 9X/NT/2000,Linux RedHat 7.x,QNX
Power Supply	Watt	300W ATX
	Form Factor	PS2 and mini-redundant PSU
Physical	Dimensions(WxHxD)	482.6(W)x510(D)x177(H)(mm)
Environment		Operating Non-Operating
	Temperature	0~60°C -20~70°C
	HuTmidty	5~85% @40°C 5~95%
Miscellaneous	Backplane	support 14 or 15 slots backplane or ATX motherboar

Competitive Advantages

Manufacturer	ADLINK	IEI	Advantech
Model	NuPRO-840	ROCKY-478E2V	PCA-6184
Card Size	Full	Full	Full
CPU Support	FCPGA Pentium 4	FCPGA Pentium 4	FCPGA Pentium 4
Chipset	Intel 845	Intel 845	Intel 845
CPU FSB	400MHz	400MHz	400Mhz
CPU Speed	2.0 GHz	2.0GHz	2.2 Ghz
DIMM Slots	2	2	2
Max Memory	2.0 GB DDR	2 GB	2GB
Audio	AC97	AC97	no info
Ethernet	2(10/100x1, GB x1)	2(10/100MB)	2(10/100MB)
Ethernet Chip	82562x1, 82540 x1	82562	82559
IDE	2 (ATA 100)	2 (ATA66)	2(ATA100)
LCD Support	NA	N	N
Power Connector	Onboard	Onboard (ATX)	OnBoard
PS/2	1	1	1
SCSI	0	NA	none
SSD	Dom	Compact Flash	none
USB	2 (pin header)	2	4
VGA	AGP 8/16 MB	Shared	32MB
VGA Chip	SIS 305	SIS 315	ATI RAGE PRO 128 4XL

Ordering Information

- NS-840DV/615: 4U rackmount server with on board Dual Lan
- NS-840LV/615: 4U rackmount server with on board Single Lan



ADLINK TECHNOLOGY INC.
凌華科技股份有限公司
 Tel: 886-2-82265877
 Fax: 886-2-82265717
 E-mail: service@adlinktech.com

ADLINK TECHNOLOGY AMERICA, INC.
 Toll Free: 1-866-4-ADLINK
 Fax: 1-949-727-2099
 E-mail: usa@adlinktech.com

ADLINK TECHNOLOGY SHENZHEN (深圳凌華)
 Tel: 86-755-26419-680/667/670
 Fax: 86-755-26646-353
 E-mail: shenzhen@adlinktech.com

ADLINK TECHNOLOGY SINGAPORE PTE LTD
 Tel: 65-6844-2261
 Fax: 65-6844-2263
 E-mail: singapore@adlinktech.com

ADLINK TECHNOLOGY BEIJING (北京凌華)
 Tel: 86-10-6296-2789-91
 Fax: 86-10-6296-2796
 E-mail: beijing@adlinktech.com

ADLINK TECHNOLOGY SHANGHAI (上海凌華)
 Tel: 86-21-64955210~64955214
 Fax: 86-21-64500414
 E-mail: shanghai@adlinktech.com

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