

NEC Express5800/ R320a-E4, R320a-M4

Instruction

Thank you for choosing NEC Express5800 series servers.

This document describes the instruction for this system.
Keep this paper carefully for quick reference.

1. Model name

For use User's Guide attached to this system, and documents and utilities in NEC EXPRESSBUILDER, please change model names according to the following list, and use.

■ NEC Express5800/R320a-E4

Before	➔	After
N8800-143F		N8800-168F

■ NEC Express5800/R320a-M4

Before	➔	After
N8800-144F		N8800-161F

■ 1000BASE-T

Before	➔	After
N8804-007		N8804-009

2. Appendix

Refer to the following list for the specifications of N8800-168F and N8800-161F.
Refer to "Appendix A" of attached document "User's Guide" for more detail.

Item		R320a-E4	R320a-M4
		N8800-168F	N8800-161F
Memory	Maximum	96GB (*1)	96GB (*1)
	Memory module	DDR3 SDRAM DIMM, Registered	
Auxiliary input device	Floppy disk (option)	Flash FDD	
	Hard disk (maximum)	9.6TB*(600GB×16) * The user area is reduced to a half of the physical capacity due to software mirroring.	
Bundle OS		--	
Support OS		Windows Server(R) 2008 Enterprise (32bit)	

*1 When Windows Server 2008 Enterprise 32 bit run on this server, maximum memory size becomes 48GB by physical memory limits for Windows Server 2008 Enterprise 32 bit and installable location of memory supported on this server.

3. Notes! The limit of install to PCI slot for Fibre channel board set (N8803-035)

Fibre channel board set(N8803-035) can not install to PCI-3 and PCI-4 slot for R320a-M4 model. If you put this boards on PCI-3 and PCI-4, system hangs up with Active Upgrade operation.

List of option PCI boards and installable slots for R320a-M4 model shows as follows.

*About list of option PCI boards and installable slots of R320a-E4, refer to “*PCI BOARD*” of attached document “*User’s Guide*”.

List of option PCI boards and installable slots

■R320a-M4 model

N-code	Product name	PCI-1	PCI-2	PCI-3	PCI-4	Remarks	
		PCI slot performance	PCIe 1.1 x4 lane	PCIe 1.1 x4 lane	PCIe 2.0 x4 lane		PCIe 2.0 x4 lane
		Slot size	Low Profile		Full Height		
		PCI board type	x8 socket				
		Mountable board size	312 mm and less (long/short)		167.6 mm and less (MD 2)		
N8804-009	1000BASE-T 2ch board set	✓	✓	✓	✓	*1	
N8804-036	SCSI board	✓	✓	✓	✓	*2	
N8803-037	SAS board	✓	✓	✓	✓	*3	
N8803-035	Fibre Channel board set	✓	✓	N/A	N/A	*1	

*1 Exact the same board must be mounted into the same slot for each CPU/IO module 0, 1.

*2 This cannot be used with N8803-037. Up to one board can be installed for each CPU/IO module and up to two boards can be installed for each device.

*3 This cannot be used with N8803-036. Up to one board can be installed for each CPU/IO module and up to two boards can be installed for each device.

