

Getting Started!

Follow these steps to become familiar with your server documentation and to complete your installation successfully.

NEC Express5800/120Li

NEC

5-2006, Rev.00

Safety Precautions

Follow the instructions for your safety to use the NEC Express server.

WARNING LABELS

The warning labels are attached to components with possible danger or their vicinity in your server to inform the user that a hazardous situation may arise when operating the server. (Do not intentionally remove or damage any of the labels.) If you find any labels totally/partially removed or illegible due to damage, contact your sales representative.

SAFETY NOTES

Read this section carefully to ensure proper and safe use of the server (Refer to User's Guide for detail).



Warning

Failure to heed this sign could result in serious injury or death.

- Do not use the server for services where critical high availability may directly affect human lives.
- Do not use the server if any smoke, odor, or noise is present.
- Keep needles or metal objects away from the server.
- Do not hold the power plug with a wet hand.
- Do not disassemble, repair, or alter the server.
- Do not look into the CD-ROM drive.
- Do not remove the lithium battery.
- Disconnect the power plug before accessing inside the server, or connecting the peripherals.



Caution

Failure to heed this sign could result in personal injury or damage to properties.

- Keep water or foreign matter away from the server.
- Plug into a proper power source.
- Do not connect the power cord to an outlet that has an illegal number of connections.
- Insert the power plug into the outlet as far as it goes.
- Use the authorized power cord only.
- Use the attached power cord only for your server.
- Never attempt to lift the server only by yourself.
- Do not install the server in any place other than specified.
- Keep the bottom stabilizers brought out completely when in use to prevent the server from falling down.
- Do not connect any interface cable when the power cord of the server is plugged into a power source.
- Do not use any unauthorized interface cable.
- Avoid installation in extreme temperature conditions.
- Make sure of complete board installation.
- Protect the unused connectors with the protective cap.
- Do not touch the fan blades when moving.
- Avoid contact with the server during thunderstorms.
- Keep animals away from the server.
- Do not place any object on top of the server.
- Do not use a cellular phone or pager around the server.

Checking the Accessory Box

The accessory box contains:

- Right 5-inch device rail (2)
- Left 5-inch device rail (2)
- Right DLT rail (1)
- Left DLT rail (1)
- Power cord (1)
- Keyboard (1)
- Mouse (1)
- Security key (2)
- DianaScope License
- NEC EXPRESSBUILDER bootable CD-ROM containing the setup utility and system documentation
- Getting Started! (this guide)

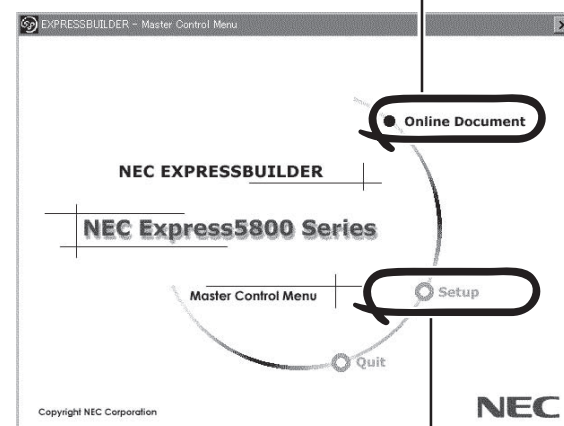
Save the packing material and carton box in case you ever need to repack and move the server to another location.

Your System Documentation

- To read and print the User's Guide, insert NEC EXPRESSBUILDER CD-ROM into the CD-ROM drive on a system running Microsoft® Windows® (Windows 95 or later, Windows NT 4.0 or later).

Use Adobe® Acrobat® Reader to read and print the documents. If you do not have it, install it from NEC EXPRESSBUILDER CD-ROM.

Click here to view or print User's Guide and other documents.



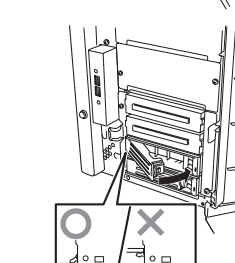
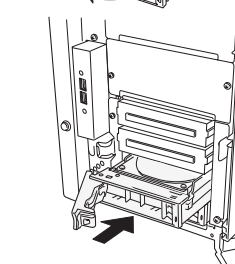
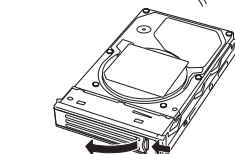
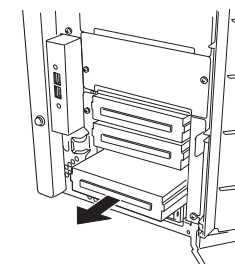
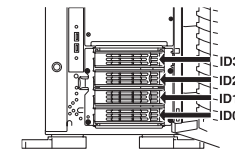
Click here to install the PDF viewer (Adobe Acrobat Reader).

Installing Hard Disk Drives

Your server does not contain any hard disk drives. Follow these steps to install the hard disk drive. If you have additional adapter boards and devices for your server, install them before putting the server in the location you have selected. Follow procedures in the *Upgrading Your Server* chapter of your User's Guide, plus installation inserts and vendor documents that come with the option.

- To order a disk, contact your sales representative or dealer.
- **Electrostatic discharge (ESD) can damage disk drives, boards, and other parts. This system can withstand normal levels of environmental ESD while you are installing hard disk drives. However, we recommend that you do all procedures in this instruction only at an ESD workstation or provide some ESD protection by wearing an antistatic wrist strap attached to chassis ground – any unpainted metal surface – on your system when handling parts.**

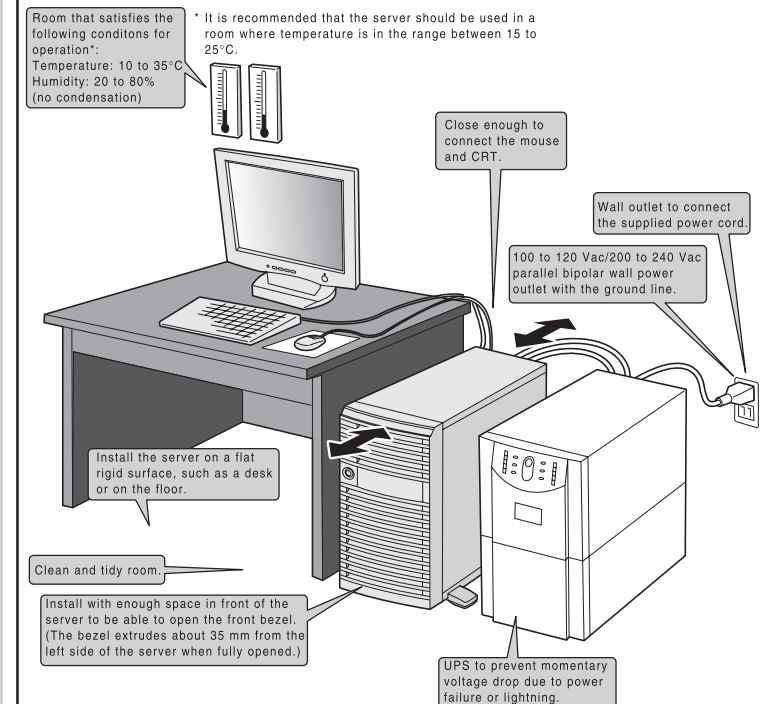
1. Unlock the front bezel and open the bezel.
2. Locate the hard disk drive bay.
3. Remove the sponge blocks if two or more hard disk drives are to be installed.
4. Open the drive carrier locking lever.
5. Align the drive carrier with the bay guide rails.
6. Slide the drive carrier into the bay until it docks with the SCSI backplane connector.
7. Press the carrier lever into its locked position so that it is flush with the front of the carrier.



Right Wrong

Installing the Server

Follow the Server Setting Up Information in your User's Guide to install your server.



CAUTION: Keep the bottom stabilizers brought out completely when in use to prevent the server from falling down.

Do not install the server in the following locations as it may cause malfunctions of the server.

- Places with drastic changes in temperature (e.g., near a heater, air conditioner, or refrigerator)
- Places with strong vibration
- Places with corrosive gas in presence, near chemicals, or with possibilities of chemicals sprayed over
- On a non-antistatic carpet
- Places with possibilities of falling objects
- Places where a power outlet that shares the ground line with another (especially the one to which a device with large power consumption is connected) must be used for the server
- Do not install the server near equipment that generates power noise (e.g., contact spark at power-on/power-off of commercial power supply through a relay). To install the server near equipment that generates power noise, ask your sales agent for separating the power wiring or installing a noise filter.

See the back side to continue the setting up.

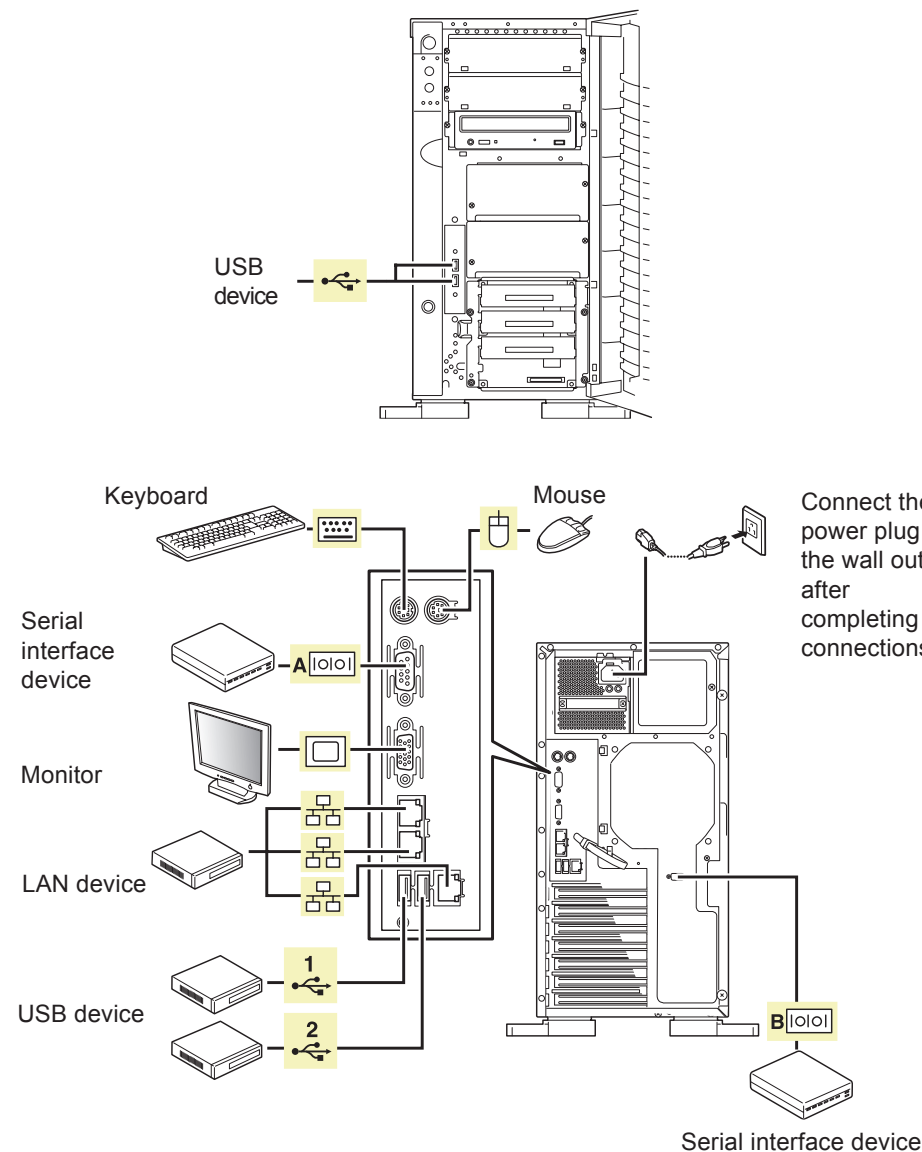


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Connecting the Peripherals

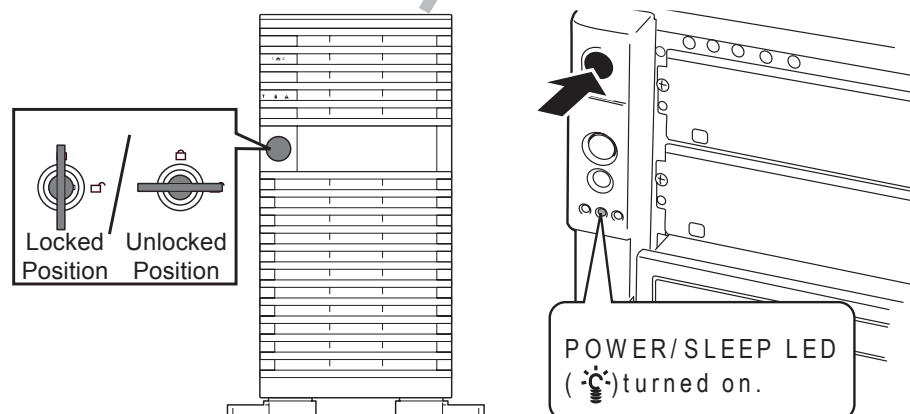
Connect the peripherals with the server (The following figure shows the redundant hot-plug power supply model).

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Turning on the Server

Press the POWER switch on the front of the server to power-up the server. If your server does not include Network Operating System (NOS) software, use the DOS diskettes to boot-up the DOS prompt indicating your system is operational.



Configuring the Server

Configure the server with the BIOS Setup Utility and SCSI/RAID Configuration Utilities.

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BIOS Setup Utility

The BIOS Setup Utility is used to change system configuration parameters. The utility is resident in the system FLASH memory and does not require a diskette or an operating system present to run.

You access the BIOS Setup utility when you turn on or reboot your system. To run the BIOS Setup Utility, perform the following procedure:

1. Power-on or reboot the system. "Press <F2> to enter SETUP" displays.
2. Press **F2**. The BIOS Setup Utility starts and the Main Menu is displayed.

SCSI Configuration Utility

The SCSI configuration utility is used to change default values and check and/or change SCSI device settings that may conflict with those of other devices in the server.

To run the SCSI configuration utility, perform the following procedure:

1. Power-on or reboot the system. "Press <Ctrl> <A> for SCSISelect(TM) utility!" displays.
2. Press **Ctrl-A**. The SCSI configuration utility starts and the channel selection menu is displayed.

Optional RAID Configuration Utility

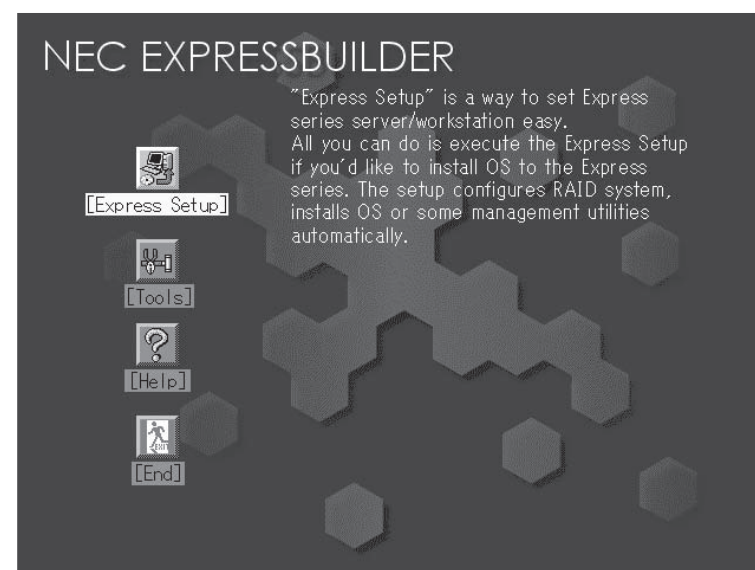
The Optional RAID controller include the configuration utility.

The RAID configuration utility allows you to configure your disk array. The RAID controllers support various versions of RAID technology (RAID level). To use any RAID level, you must configure the RAID controller using the RAID configuration utility prior to installing your Network Operating System.

For an explanation of these utility, refer to the documentation that was shipped with these controllers.

Running the NEC EXPRESSBUILDER CD-ROM

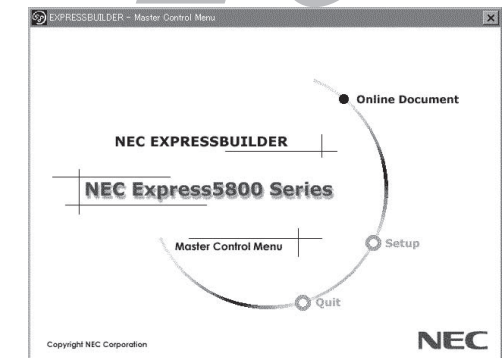
- Run the NEC EXPRESSBUILDER CD-ROM to:
 - Run the maintenance utilities.
 - Install the Network Operating System (NOS).
 - Create driver diskettes, BIOS update diskettes and so on.
- To run the NEC EXPRESSBUILDER CD-ROM, insert the CD-ROM into the CD-ROM device, reboot the system and follow the screen prompts.



NOTE: If you plan to run your server on the Microsoft Windows network operating system (NOS), update the graphics accelerator driver upon completion of installation of NOS. Refer to Chapter 5 in User's Guide for details.

Installing Application Software

- Put the NEC EXPRESSBUILDER CD-ROM in the CD-ROM drive on a system running Microsoft Windows (Windows 95 or later, Windows NT 4.0 or later). The following menu will appear automatically.



Use this menu to:

- Read documentation.
- Install the management software.
- Refer to *Installing and Using Utilities* in your User's Guide for detail.

FCC STATEMENT:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CE STATEMENT:

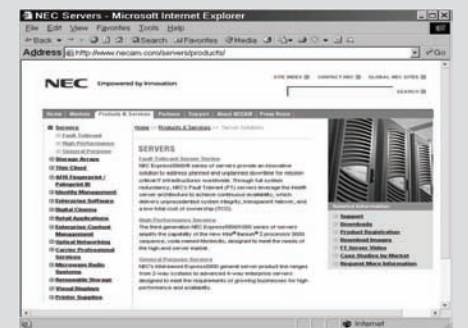
Warning: This is a Class A product. In domestic environment this product may cause radio interference in which case the user may be required to take adequate measures (EN55022).

BSMI STATEMENT:

警告使用者：
這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

NEC Express5800 Server Solutions Web Site

<http://www.necam.com/servers/products/>



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