

スタートアップガイド

使用上のご注意

Windows Server 2003でサポートされている機能で、OSやシステム状態、ハードウェア構成、アプリケーションを保存し災害から回復する過程において1ステップで復元することが可能です。詳しい使用方法 等については、OS、バックアップソフトのマニュアルを参照ください。

NEC

Getting Started!

N8151-99 Built-In DAT(USB)

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

Read me first

856-857262-001- A December,2009 First edition

Please keep it carefully.

This Startup Guide describes the instruction until the device become ready to use.

Safety Considerations - Must Read -

Follow the instructions given in this Startup Guide for proper operations and safe use of the device.

SAFETY INDICATIONS

This Startup Guide describes the device components with possible danger, hazards that may be caused by ignoring warnings, and preventive actions against such hazards. Components with possible danger are indicated with a warning label placed on or around them. In the User's Guide or warning labels, "WARNING" or "CAUTION" is used to indicate a degree of danger. These terms are defined as follows:

Warning

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

Caution

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

Precautions and notices against hazards are presented with one of the following three symbols. The individual symbols are defined as follows:

	Attention	This symbol indicates the presence of a hazard if the instruction is ignored. An image in the symbol illustrates the hazard type.	(Sample) (Electric shock)	
	Prohibited Action	This symbol indicates prohibited actions. An image in the symbol illustrates a particular prohibited action.	(Sample) (Do not touch the part)	
	Mandatory Action	This symbol indicates mandatory actions. An image in the symbol illustrates a mandatory action to avoid a particular hazard.	(Sample) (Disconnect the power cord)	

A symbol for arousing attention

A content of possible danger

A term indicating a hazard level

Warning

Do not install the device while the power is turned on.
Unplug the AC power cord from the main power source when installing/uninstalling the device to/from basic processing unit or connect it with the enclosure. Failure to follow this warning may cause an electric shock.

SYMBOLS USED IN THIS USER'S GUIDE AND WARNING LABELS

Attention

	Indicates that improper use may cause an electric shock.		Indicates that improper use may cause fumes or fire.
	Indicates that improper use may cause fingers to be caught.		Indicates a general notice or warning that cannot be specifically identified.
	Indicates that improper use may cause personal injury.		

Prohibited Action

	Indicates a general prohibited action or warning that cannot be specifically identified.		Do not disassemble, repair, or modify the device. Otherwise, an electric shock or fire may be caused.
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Mandatory Action

	Unplug the power cord. Otherwise, an electric shock or fire may be caused.		Indicates a general mandatory action or warning that cannot be specifically identified.
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1. Verify the packed contents

Verify the packed contents with the part list given below and ensure that all the components and parts are present. Also, check that each item is undamaged. If a component or part is missing or damaged, contact your dealer.

1

2

3

4

5

6

	Parts name	Qty.
1	N8151-99 Built-In DAT(USB)	1
2	Cleaning cartridge	1
3	USB interface cable	1
4	CD (Device driver ,User's Guide)	1
5	Screws	4
6	Getting Started! (this manual)	1

2. List of compatible cartridges

Drive		N8151-99 (DAT320) <This device>	N8151-78 (DAT160)
Cartridge			
Type	Native Capacity*1		
DAT320	160GByte	○	—
DAT160	80GByte	○	○
DAT160 (WORM)	80GByte	—	○
DAT72	36GByte	—	○
DDS4	20GByte	—	○
DDS3	12GByte	—	—

○ : Write/Read capable — : Cannot be use

*1 : Depending on the types of data used, such as data that difficult to compress or data that already encrypted, actual data capacity may go under the native capacity after processed through the compression engine.

SAFETY NOTES

General Attention

Warning

Do not use in life-critical applications or applications requiring high reliability.

This device is not intended for integration with or control of facilities or equipment that may affect human life or that require a high degree of reliability, such as medical equipment, nuclear power facilities, aerospace instruments, and transportation equipment. The manufacturer does not assume any liability for accidents resulting in injury or death, or for any damages to property that may occur as a result of using this device in such facilities, equipment, or control systems.

Do not use the Built-in DAT if any smoke, odor, or noise is present.

If smoke, odor, or noise is present, immediately turn off the POWER switch and disconnect the power plug from the outlet, then contact your sales agent. Using the Built-in DAT in such conditions may cause a fire.

Keep needles or metal objects away from the Built-in DAT.

Do not insert needles or metal objects into ventilation holes in the Built-in DAT. Failure to follow this warning may cause an electric shock.

Caution

Keep water or foreign matter away from the Built-in DAT.

Do not let any kind of liquid (water etc.) or foreign matter (e.g. pins or paper clips) enter the Built-in DAT. Failure to follow this warning may cause an electric shock, a fire, or a failure of the Built-in DAT. When such things accidentally enter the Built-in DAT, immediately turn off the power and disconnect the power plug from the outlet. Do not disassemble the Built-in DAT. Contact your sales agent.

Attention to Installing, Moving, Storing, Connection

Caution

Do not close the ventilation hole.

Do not close the ventilation hole in the front side of the Built-in DAT. Otherwise, its internal temperature will rise to cause malfunctions or a fire.

Do not connect/disconnect the interface cables before unplugging the power plug.

Before connecting/disconnecting the interface cables, disconnect the power plug of the main power unit from the outlet. If the power is off but the power plug is still connected, you may get an electric shock.

Do not use the unspecified interface cables.

Use only the cable authorized by NEC and locate the device and connector before connection. Use of an unauthorized cable or displaced connection may cause a short circuit, resulting in a fire.

When handling or connecting the interface cables, keep the notes as follows:

Do not tread on cables.

Do not load on the cable.

Insert the cable connector as far as it goes.

Do not use damaged cables.

Do not use damaged connectors.

Do not use the equipment in the place where corrosive gases exist.

Make sure not to locate or use the server in the place where corrosive gases (sulfur dioxide, hydrogen sulfide, nitrogen dioxide, chlorine, ammonia, ozone, etc) exist. Also, do not set it in the environment where the air (or dust) includes components accelerating corrosion (ex. sulfur, sodium chloride) or conductive metals. There is a risk of a fire due to corrosion and shorts of an internal printed board.

High temperature

Immediately after the server is powered off, its internal components such as hard disks are very hot. Leave the server until its internal components fully cool down before installing/removing any component.

Attention to Power or Power Cord

Caution

Do not install the device while the power is turned on.

Unplug the AC power cord from the main power source when installing/uninstalling the device to/from basic processing unit or connect it with the enclosure. Failure to follow this warning may cause an electric shock.

Insert the DC cable into the outlet as far as it goes.

Heat generation resulting from a halfway inserted DC cable (imperfect contact) may cause a fire. Heat will also be generated if condensation is formed on dusty blades of the halfway inserted cable, increasing the possibility of a fire.

Do not connect the Built-in DAT by unspecified cabling.

Connecting or cabling with DC cable should be done in accordance with the procedure specified in the User's Guide. Unspecified connecting or cabling may cause an electric shock or a fire.

Do not use any damaged power cord.

If the power cord is damaged, immediately replace it with a new part of same type. Do not repair the damaged section for reuse. Otherwise, the section repaired with vinyl tape or the like will be overheated to cause an electric shock or a fire.

Use the authorized cable only.

Use only the specified cable when connecting the Built-in DAT with a basic processing unit. Use of an unspecified cable or connection by unspecified cabling may cause a fire.

Attention to Handling or Maintenance

Warning

Do not disassemble, repair, or alter the Built-in DAT.

Never attempt to disassemble, repair, or alter the Built-in DAT on any occasion other than described in this User's Guide. Failure to follow this instruction may cause an electric shock or a fire as well as malfunctions of the Built-in DAT.

Do not handle while the power plug is connected.

Before handling or cleaning the Built-in DAT, disconnect the power plug of the main power unit from the outlet. If the power is off but the power plug is still connected, you may get an electric shock.

Caution

Insert the cables into the connectors as far as it goes.

Heat generation resulting from a halfway inserted cables or Interface cables (imperfect contact) may cause a fire. Heat will also be generated if condensation is formed on dusty blades of the halfway inserted cable, increasing the possibility of a fire.

Attention to Operation

Caution

Do not insert your hands into the cartridge load compartment.

Do not insert your hands into the cartridge load compartment. Otherwise, the fingers will be caught/pinched by the Built-in DAT to cause an injury.

Do not touch the Built-in DAT when it thunders.

If it starts thundering, do not touch any part of the Built-in DAT and the server that the Built-in DAT is installed. Failure to follow this warning may cause an electric shock.

Keep away pets.

Keep away pets from the Built-in DAT. Insertion their hair or excrements may cause a fire or an electric shock.

User's guide in attached CD describe detailed explanation.

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3. Mounting on the Basic Processing Unit

The procedure for installing the drive in a server is as follows.

(1) Install the Built-In DAT as shown here.

Important

When using the rails with this device, use the screw holes in the front cover illustrated in Fig. 1 (see Fig. 2). (Perform the same operation on the opposite side. Secure two screws on each side, four screws total.) In some cases, the rails may extend all the way to the front cover molding. This causes no problems. When using the rails, adjust their mounting positions so that the front cover of this device is aligned with the front covers of other standard components (such as the DVD drive). (The shape of the rails varies according to the model of the device.) Depending on the device, the front cover of this device may not align with the front covers of other standard components. Please adjust to move this product forward by about Several millimeters when mounting on Express5800/R140a-4

Always use the screws that are provided with this device. The screws that are provided with this device are metric screws (length: 4.0 mm). Using screws that are longer than the screws that are provided with this device could result in damage to the device. However, if there are screws specified to this device, please use them. There could also be precautions about screws from server side, so refer also to the User's Guide of the server.

Fig.1

Fig.2

Fig.3

(2) Connect the 10-pin connector of USB interface cable to the USB connector on mother board. Connect the 4-pin connector of branched cable to the FDD connector, and the USB connector on the other end to the USB connector of Built-in DAT (USB).

Important

If you do not use the floppy disk drive, put the cable for FDD connector in a vacant place in the server.

USB interface cable

DC power cable (unused power supply connector in the computer)

(3) Connect the cables to the drive as shown in the figure below. Use the INT USB cable provided with the device.

(4)After connecting the USB cable, bundle the cable so that it does not interfere with the other devices or fan.

(5) Attach the cover to the basic processing unit. Plug the power cable to the outlet.

(6) Turn on the basic processing unit.

4.Using the ASR function

When using the ASR (Automated System Recovery*) function in Windows, you must download and install the device driver files from a floppy disk. Prepare a blank floppy disk, and copy the files in the "Tape Driver" folder on the supplied CD to the blank floppy disk. The TapeDriver folder itself shall not be included in the directory tree.

*ASR (Automated System Recovery)
Windows Server 2003, this function backs up the OS, system state, hardware composition, and applications on your computer, allowing you to restore them in one step when recovering from a crash. For more details on using this function, refer to the manual for your OS and backup software.