

IBM TotalStorage NAS 200
Model 25T



Quick Start Instructions

First Edition (October 2002)

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IBM TotalStorage™ NAS 200Model 25T Quick Start Instructions

Step 1: Read this first

Caution:



Safety Information



Use safe practices when lifting this product.



Do not place any object weighing more than 82 kg (180 lb.) on top of rack-mounted devices.

Notes:

1. Make sure the rack is stabilized before installing hardware, and always load it starting at the bottom and moving upward to the top.
2. Visually inspect the unit to ensure that it was not damaged during shipping. If any items are missing or damaged, contact your IBM representative.

Step 2: Unpack the box

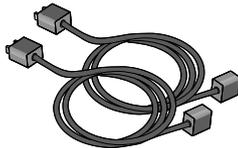
Items you find in the box (tower and rack configurations):



OR



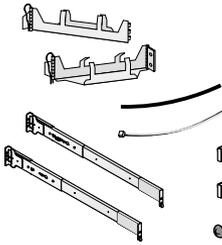
- Model 25T



- Two power cables



- **One** set of documentation including: *Caution: Safety Information – Read This First*, *IBM TotalStorage NAS 200 Hardware Installation Guide*, *Quick Start Instructions* and product and documentation CD-ROMs.



Rack configuration only

- **One** rack installation kit including: Cable-management assembly, cable straps, cable ties, cage nuts, clip nuts, screw packages and slide rails and *Rack Mounting Instructions*.

Items you provide



- **One** Phillips #2 screwdriver
- **One** flat-blade screwdriver



- **One** One Ethernet cable (Cat5 copper cable if you are using a copper Ethernet adapter) with connection instructions and IP information from your network administrator.



- **One** PC with a subnetwork connection, Windows 2000 or Windows NT 4.0 or later, Swing and XML Java libraries, Advanced Appliance Configuration application, and Universal Management Services browser.

Optional service and diagnostic equipment

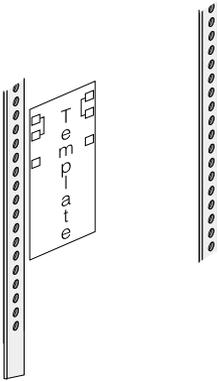


- **One** monitor, keyboard and a PS/2 mouse

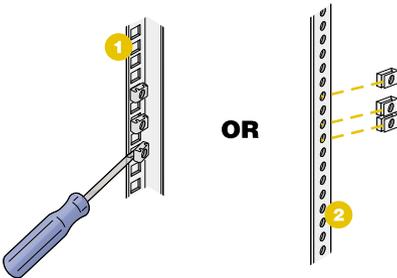
Step 3: Install the appliance

1. **Tower configuration only:** Place the tower configuration in its final location and then go to “Step 4: Attach cables (Tower configuration)” on page 6.

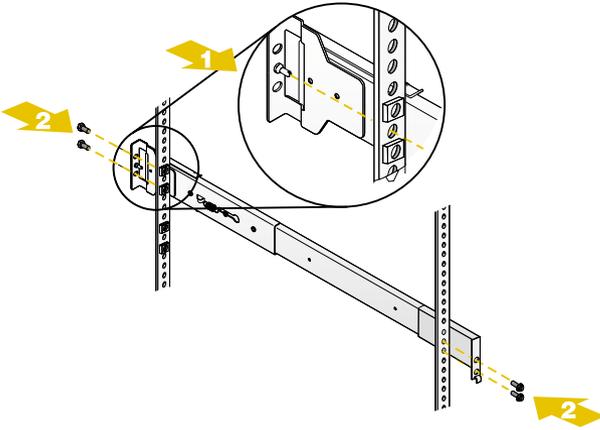
Rack configuration only: Mark the rack-configuration location on the rack by placing the provided stickers over the holes on the front and rear of the rack indicated by the arrows on the template.



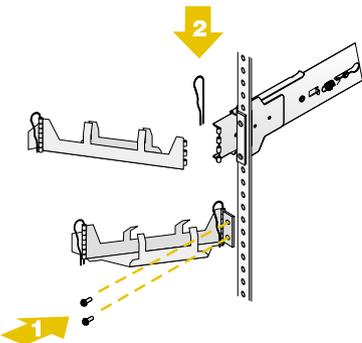
2. Insert the cage nuts using a screwdriver or the cage-nut insertion tool (or slide on the clip nuts) into each marked hole.



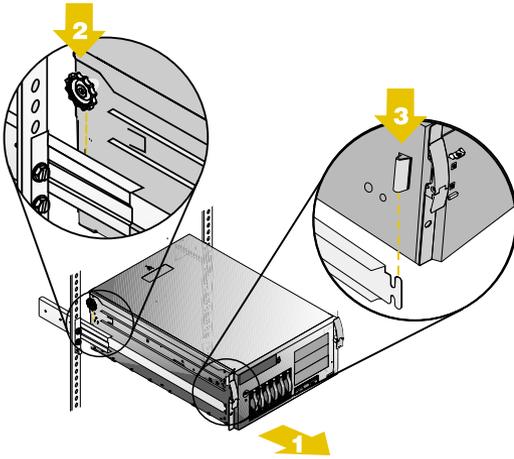
3. Align each slide rail to the rack using the pin as a guide. Then bolt the slide rails to the rack using the M6 screws provided.



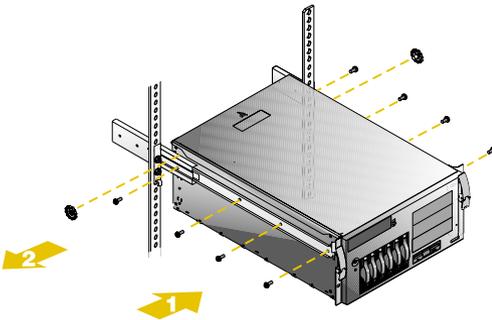
4. Attach the hinge bracket to the rear of the rack using the M6 screws provided. Then attach the cable-management assembly to the slide rail by sliding the hinge pin into the hinge.



- Place the engine in the rack by fully extending the slide rails out of the rack, lifting the engine above the rails, and resting the rack-support wheels on the slide rails. Then lower the front of the engine onto the slide rails, ensuring that the bracket notches on the front of the engine fit securely on the tabs located on the front of the slide rails.

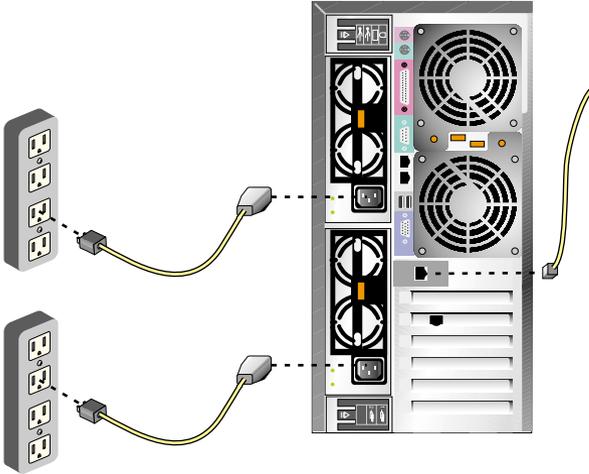


- Secure the appliance to the rails using the M4 screws provided. Unscrew the rack-support wheels and store them in a safe place. Go to “Step 5: Attach cables (Rack configuration)” on page 7.

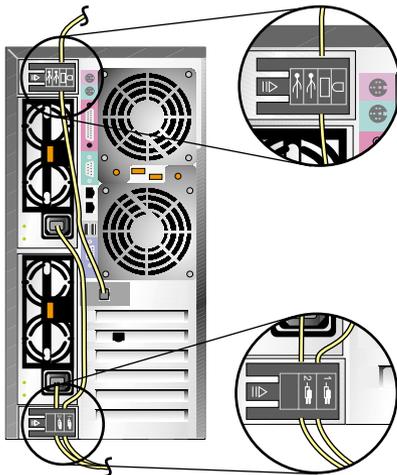


Step 4: Attach cables (Tower configuration)

1. Connect the engine to your network by plugging the network cables to the Ethernet ports and then into your network. Connect each power cable to the receptacles on the back of the engine and then to different power source outlets.

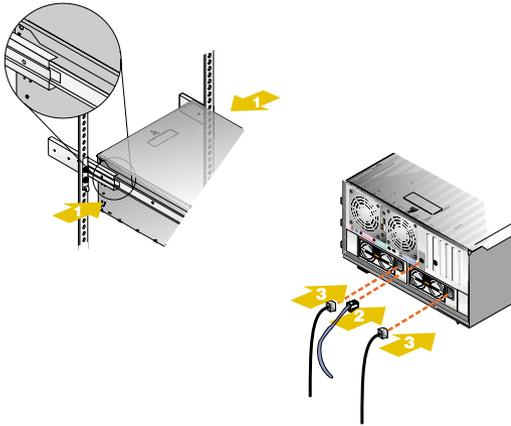


2. Route the power and network cables through the cable-restraint brackets on the rear of the appliance. Go to “Step 7: Power on and verify LED status” on page 9.

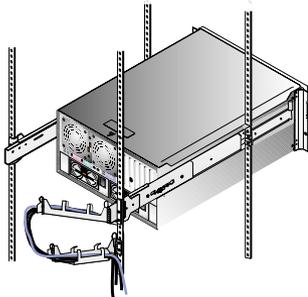


Step 5: Attach cables (Rack configuration)

1. Connect the engine to your network by pressing in on the safety latches, sliding the engine halfway into the rack, and plugging the network cables to the Ethernet ports and then into your network. Connect each power cable to the receptacles on the back of the engine and then to different power source outlets.



2. Route the cables through the cable-management assembly on the rack.

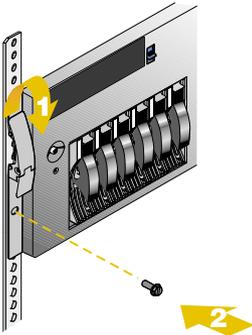


Step 6: Complete the installation

Rack configuration only

Complete the installation by sliding the engine into the rack until the release latches snap shut. Then insert the M6 screws provided through the release-latch-bracket assembly on either side of the engine.

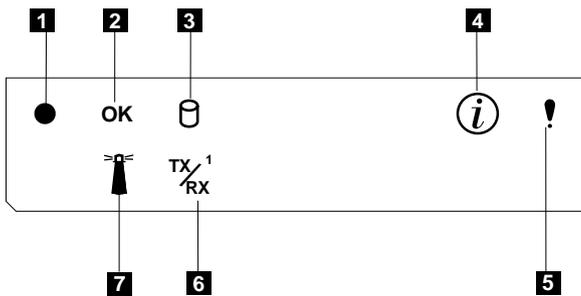
Note: Inserting the M6 screws is required if the rack is moved or in a vibration-prone area.



Step 7: Power on and verify LED status

1. Wait at least 20 seconds after connecting the power cables before powering on the engine. Power on by pressing the Power button on the front of the engine.
2. Wait at least 5 minutes after power on for the initial diagnostics to complete. Verify that the power-on LED is ON. If not, refer to the *User's Reference* on the Documentation CD.

Note: Depending on the system status, other LEDs may be on. Refer to the *User's Reference* on the Documentation CD for detailed LED descriptions.



3. Keep the Recovery CD in a secure location near the appliance for future use.

Step 8: Software configuration

You can use the NAS Setup Navigator configuration tool to map out the initial configuration tasks and lead you through the tasks in the correct order. The tool detects which NAS appliance it is running on and adjusts the menu and content appropriately. You can follow links to more in-depth information and to the configuration panels used to perform the steps. You can also tailor the instructions to fit your needs by selecting optional topics. To start the NAS Setup Navigator, click on the NAS Setup Navigator icon on the desktop.

If you choose to configure the software directly, follow these steps:

1. Set the date and time

Log on to the appliance using the following ID and password:

- User ID: Administrator
- Password: password

Set the appliance's date and time using Windows Control Panel.

2. Change the computer name of the appliance (optional)

Set a unique name for the appliance. For example: NAS200.

3. Set up storage

To set up storage, you will need the following tools:

- ServeRAID™ manager to create arrays and logical drives
- Disk Management to write signatures, create partitions and assign drive letters

4. Complete storage access setup

For detailed instructions, refer to “Completing setup” in the *User’s Reference*.

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