

HARD DISK EXPANSION: SINGLE-DISK AND UNPROTECTED VOLUMES

Review the information below before attempting to add hard disks to a single-disk or unprotected volume.

Important info on NAS Backup: It is recommended that all users back up data to DAS or another NAS as further protection against disk failure or secondary points of failure (e.g. hardware, network, etc.). See [Backup Jobs](#) for details.

REMOVING HEALTHY DISKS FROM AN UNPROTECTED VOLUME

An unprotected volume can be:

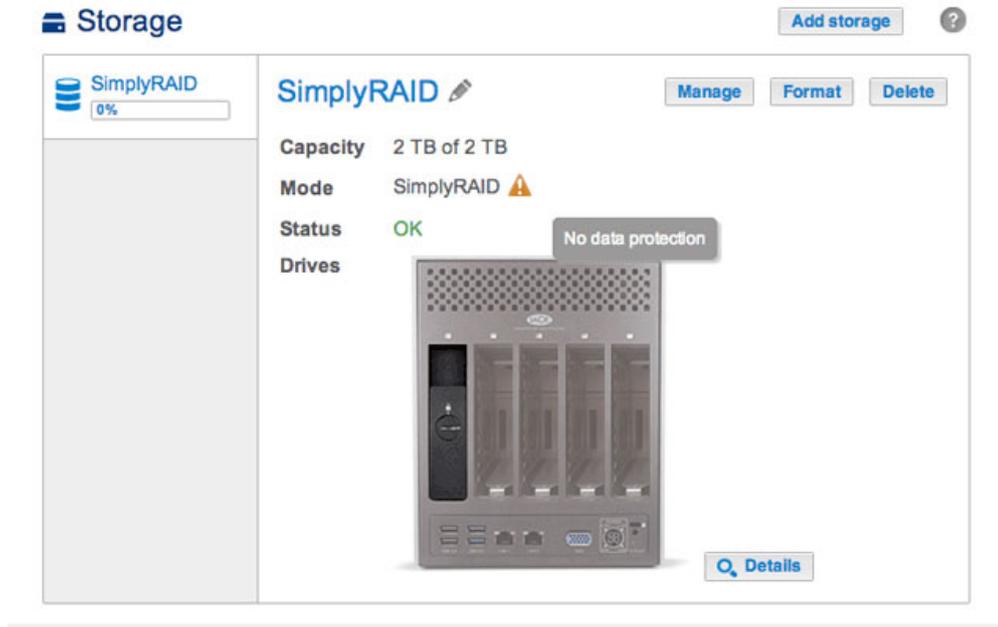
- SimplyRAID single-disk
- RAID 1 single-disk
- JBOD
- RAID 0

Removing a healthy hard disk from an unprotected volume while the LaCie 5big NAS Pro is powered on will delete all of the volume's data. While removing healthy disks is not recommended, you can avoid losing data by shutting down the LaCie NAS first. Return the hard drives to their proper bays before powering on the LaCie NAS.

Additionally, powering on the LaCie 5big NAS Pro with a missing disk in an unprotected volume will break its RAID and all data will be lost.

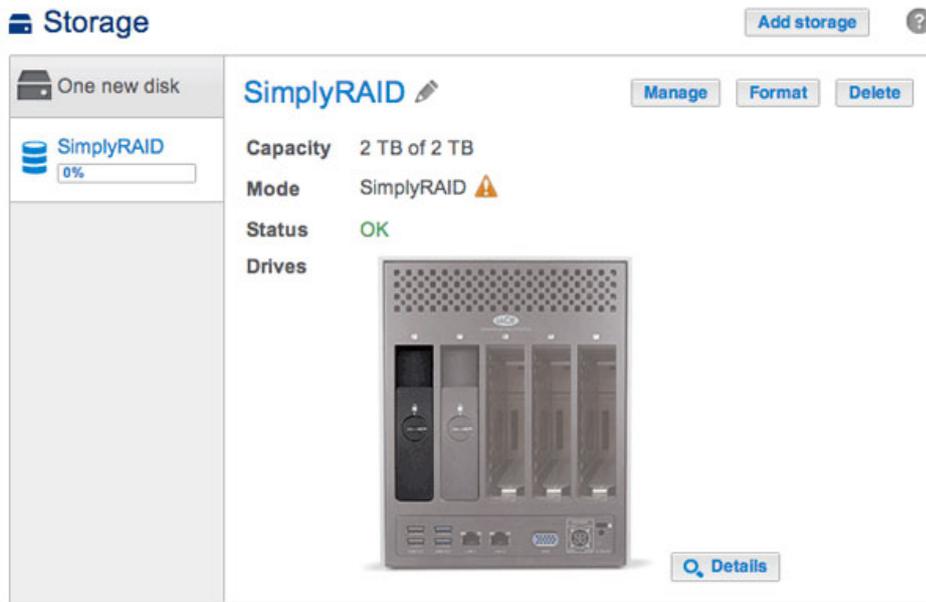
HARD DISK EXPANSION

SimplyRAID

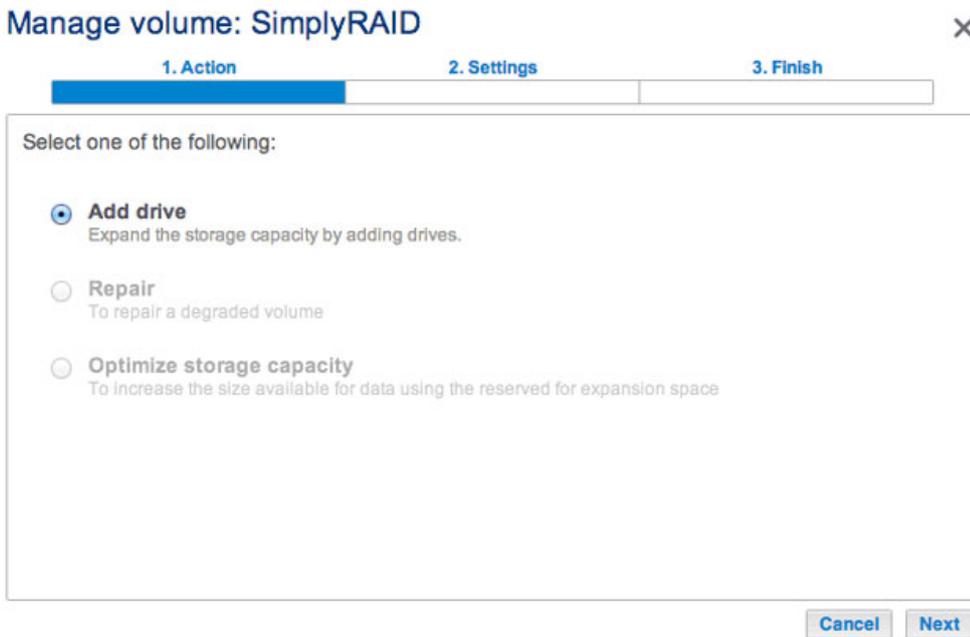


The screenshot above shows a single-disk volume configured for LaCie SimplyRAID (for instructions on how to change the name of the volume from the default to *SimplyRAID*, see [Volume Tools](#)). Follow the steps below to add one or more drives to your single-disk volume:

1. Insert a new hard drive into the next available drive slot in your LaCie 5big NAS Pro (see [Remove/Insert a Hard Disk](#) for instructions). Following the disk installation, the **Dashboard > Storage** page should display at least one *New* hard drive.



2. Choose **Manage**.
3. Select **Add drive** and choose **Next**.



4. Select the new hard drive(s) and choose **Next**.

Manage volume: SimplyRAID



1. Action

2. Settings

3. Finish

Select the disks that you want to add to the volume:



Cancel Back Next

5. Review the summary page and choose **Finish**. Choose **Yes** at the prompt to confirm the RAID.

Manage volume: SimplyRAID



1. Action

2. Settings

3. Finish

Click Finish to confirm your selection.

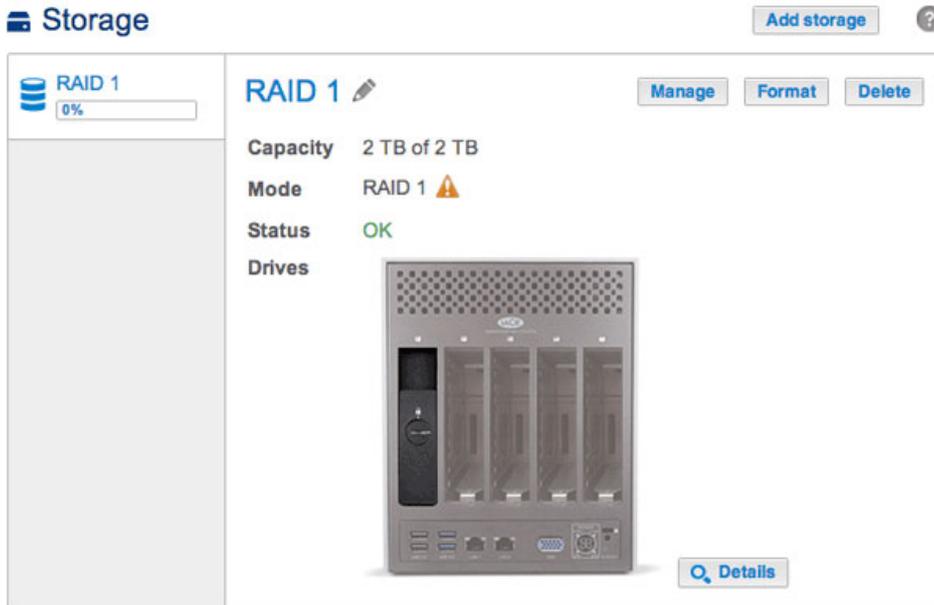
Selected drive	Drive 2
RAID mode	SimplyRAID - Single security
Protection	Protected if one disk fails ⓘ
Available for data	2 TB
Used for protection	2 TB ⓘ
Reserved for expansion	0 B

Changes will be applied when synchronization is complete.

All data on the selected disks (Drive 2) will be erased.

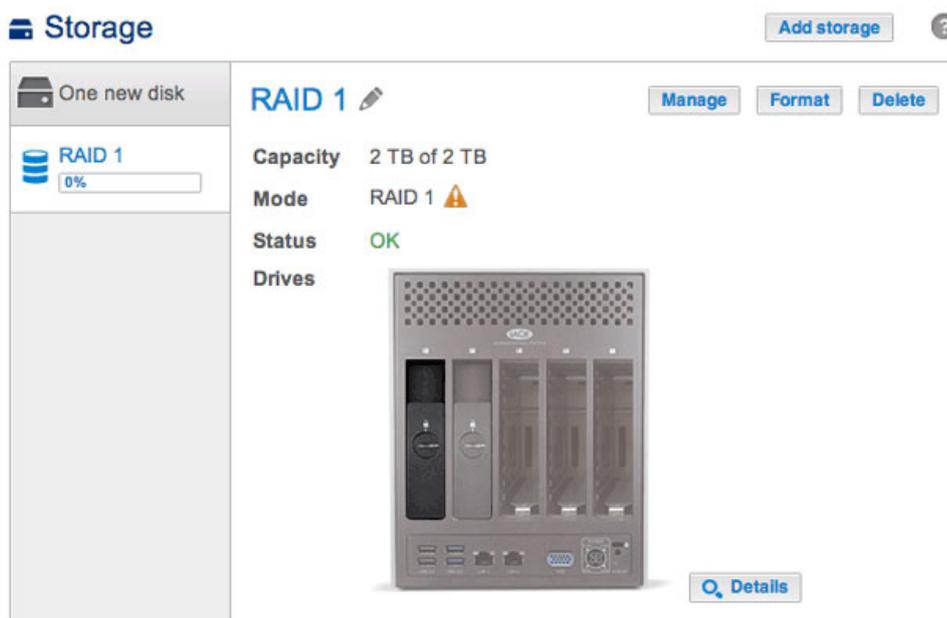
Cancel Back Finish

You can use the volume during the RAID syntonization.

The screenshot above shows a single-disk volume configured for RAID 1 (for instructions on how to change the name of the volume from the default to *RAID 1*, see [Volume Tools](#)). Follow the steps below to add one or more drives to your single-disk volume:

1. Insert a new hard drive into an available drive slot in your LaCie 5big NAS Pro (see [Remove/Insert a Hard Disk](#) for instructions). Following the disk installation, the **Dashboard > Storage** page should display at least one *New hard drive*.



2. Choose **Manage**.
3. Select **Add drive** and choose **Next**.

Manage volume: RAID 1



1. Action

2. Settings

3. Finish

Select one of the following:

- Add drive**
Expand the storage capacity by adding drives.
- Repair**
To repair a degraded volume
- Optimize storage capacity**
To increase the size available for data using the reserved for expansion space

Cancel

Next

4. Select the new hard drive(s) and choose **Next**.

Manage volume: RAID 1

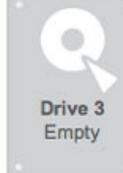


1. Action

2. Settings

3. Finish

Select the disks that you want to add to the volume:

 Drive 1 OK 2 TB	 Drive 2 New 2 TB	 Drive 3 Empty	 Drive 4 Empty	 Drive 5 Empty
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Cancel

Back

Next

5. Select **Increase security** and choose **Next**. IMPORTANT: Choosing **Custom** will bring you to the RAID selection menu. Selecting any RAID configuration via the **Custom** menu will delete all media stored on the original drive.

Manage volume: RAID 1



1. Action

2. Settings

3. Finish

Select one of the following:

- Expand storage capacity
- Increase security**
Protect against data loss if one disk fails.
- Custom**
Select RAID level or add a spare drive.

Cancel Back Next

6. Review the summary page then choose **Finish**. Choose **Yes** at the prompt to confirm the RAID.

Manage volume: RAID 1



1. Action

2. Settings

3. Finish

Click Finish to confirm your selection.

Selected drive	Drive 2
RAID mode	RAID 1
Protection	Protected if one disk fails ⓘ
Available for data	2 TB
Used for protection	2 TB ⓘ
Reserved for expansion	0 B

Changes will be applied when synchronization is complete.

All data on the selected disks (Drive 2) will be erased.

Cancel Back Finish

You can use the volume during the RAID synchronization.

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The screenshot above shows a single-disk volume configured for JBOD (for instructions on how to change the name of the volume from the default to *JBOD*, see [Volume Tools](#)). Follow the steps below to add one or more drives to your JBOD volume: A JBOD volume can be expanded with new disks added to the LaCie 5big NAS Pro enclosure.

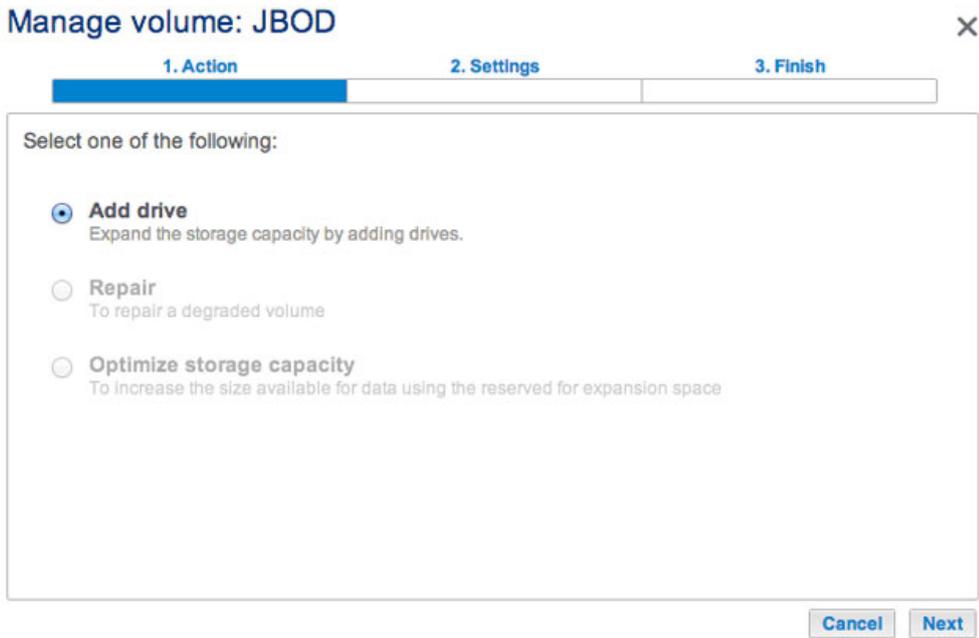
1. Insert a new hard drive into the next available drive slot in your LaCie 5big NAS Pro (see [Remove/Insert a Hard Disk](#) for instructions). Following the disk installation, the **Dashboard > Storage** page should display at least one *New hard drive*.

LACIE 5big NAS Pro

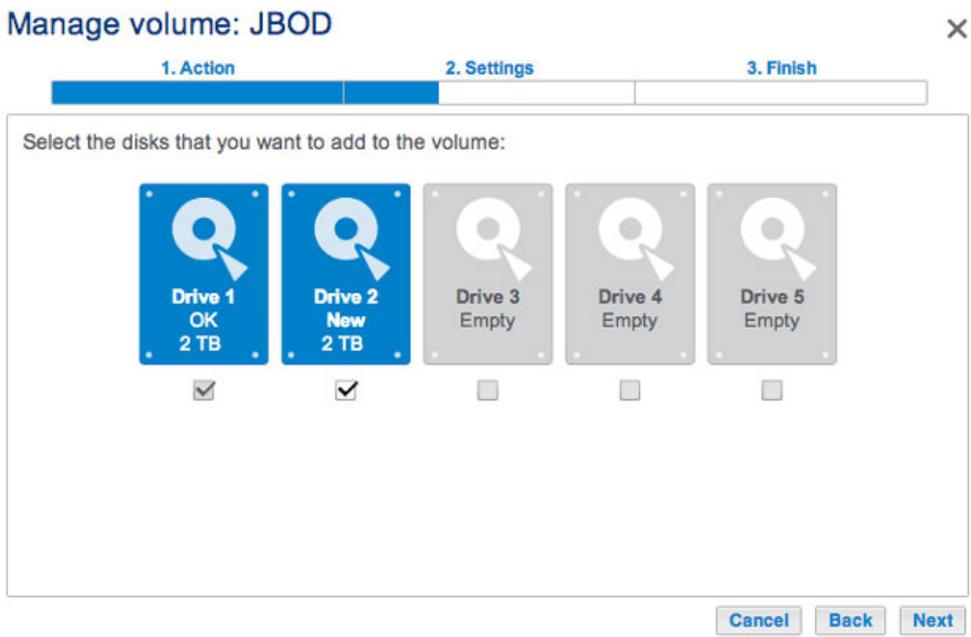


2. Choose **Manage**.

3. Select **Add drive** and choose **Next**.



4. Select the new hard drive(s) and choose **Next**.



5. Review the summary page then choose **Finish**. Choose **Yes** at the prompt to confirm the RAID.

Manage volume: JBOD



1. Action

2. Settings

3. Finish

Click Finish to confirm your selection.

Selected drive	Drive 2
RAID mode	JBOD
Protection	No data protection
Available for data	4 TB ⓘ
Used for protection	0 B
Reserved for expansion	0 B

All data on the selected disks (Drive 2) will be erased.

[Cancel](#) [Back](#) [Finish](#)

RAID 0

A RAID 0 volume cannot be expanded with new disks added to the LaCie 5big NAS Pro enclosure and/or swapped for disks of higher capacity.