

nero

BackItUp & Burn



Tutorial

Creating a Recovery disc to back up entire systems with Nero BackItUp&Burn

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Creating a Recovery CD for an entire system with Nero ImageTool

In this tutorial you can follow the step by step procedure for recovering an entire system with Nero BackItUp ImageTool after the creation of a bootable disc with Nero BackItUp ImageTool . From this disc you can access all operating systems for creation or restoration of hard drives.

Nero BackItUp ImageTool is started from this bootable CD/DVD. If booting from the CD/DVD, the computer is started without having to access the hard drive. Since the hard drive is disabled, restore without verification errors is possible.

The following prerequisites must be fulfilled for the computer to be able to boot from the disc:

- ▶ The start sequence must be set in the BIOS of the computer in such a way that the drive is addressed first as the boot drive (start sequence CD-ROM, C, A for instance).
- ▶ In the case of an SCSI CD-ROM drive, this drive must be connected to an SCSI adapter with a separate BIOS in which settings can be modified accordingly. (This will only work if there are no IDE hard drives present, as these come before the SCSI adapter in the boot sequence.)
- ▶ The bootable CD/DVD that you created with Nero BackItUp is placed in the drive.

To boot the computer from the disc and to start Nero BackItUp ImageTool, proceed as follows:

1. Start the computer.

- ➔ The computer starts and boots from the CD/DVD. Nero BackItUp ImageTool is loaded. You can track the process with the messages on the screen. The Nero BackItUp ImageTool start screen is displayed. A language selection list is displayed.



Booting from the CD/DVD

It is important for the CD/DVD to already be in the drive when the computer is started, since this is the only way that the CD/DVD will be booted and Nero BackItUp ImageTool run.

Because it is not possible to insert a CD/DVD when the computer is switched off, first start the computer as usual, insert the CD/DVD, and then shut down the computer.

2. Select the language for Nero BackItUp ImageTool from the **Please choose your language** selection list.
3. Click the **OK** button.
 - ➔ The Nero BackItUp ImageTool window is opened.
 - ➔ A window with a license agreement is opened.
4. Please read the license agreement carefully and select the appropriate check box if you agree to the terms of the agreement. Using Nero BackItUp ImageTool is not possible without your consent to this agreement.
5. Click the **Next** button.

- The window with the license agreement is closed. The **Options** window is opened with the **Network** tab on front. You can now configure the network or close the window.
 - You have booted Nero BackItUp ImageTool from the disc.



The CD/DVD is no longer needed after Nero BackItUp ImageTool has started. You can remove the CD/DVD if you need the drive for a backup or restore disc.

Now you can restore a drive backup with Nero BackItUp ImageTool . The hard drive is not active during the restore since Nero BackItUp ImageTool is booted from CD/DVD. This provides greater security in comparison to restoring with Nero BackItUp under Windows. However, **Drive backup restore** cannot be used to select individual files in the drive backup - the drive is restored completely.

To restore a hard drive or partition, proceed as follows:

1. Click the **Restore > Drive backup restore** button.
 - The **Please select the backup to restore** screen is displayed.
2. Insert the before created recovery disc.
3. If the recovery disc is password protected, enter the password in the **Password** input field.
4. Click the **Next** button.
 - The **Please select what you want to restore** screen is displayed. The backed up hard drive with all partitions or the backed up partition of the hard drive is displayed. Partitions that are not backed up are grayed out.
5. Select the hard drive or partition that you want to restore.



For technical reasons, only one single partition or one hard drive with all partitions can be restored during one restore process.

6. If the hard drive or partition to be restored contains an operating system and you want the operating system to be booted when the computer starts, enable the **Master Boot Record** check box in order to restore the MBR.
7. Click the **Next** button.
 - The **Please select where you want to restore** screen is displayed.
8. If you want to restore the backup to the original path, select the **Restore to original path** option button.
9. If you want to specify the path on which the backup will be restored yourself, select the **Restore to custom path** option button.
10. Click the **Next** button.
 - The **Please check the restore setting screen** is displayed.
11. Click the **Restore Now** button.
 - The restore is carried out and the final screen is displayed. You can follow the process status in the task bar.
 - You have successfully restored your entire system.