

# nero 8

©

## QUICKSTART GUIDE

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## Table of Contents

<b>1</b>	<b>The Nero Suite</b>	<b>4</b>
1.1	General System Requirements	4
1.2	Specific Requirements for Each Application	4
1.3	Additional system requirement for Blu-ray Disc und HD DVD	6
	Applications of the Nero 8 Suite	7
1.4	Nero Tools	11
1.5	Nero 8 Suite Gadgets	12
1.6	Nero 8 Suite Plug-ins	12
<b>2</b>	<b>Installation</b>	<b>14</b>
2.1	Installing Nero Suite	14
<b>3</b>	<b>Nero StartSmart</b>	<b>16</b>
3.1	Starting the Nero 8 Suite using Nero StartSmart	16
3.2	Updating Nero Suite	18
3.3	Nero Suite Language	19
3.4	Setting up Newsfeeds	20

# 1 The Nero Suite

## 1.1 General System Requirements

- DVD-ROM drive for the installation
- Windows® 2000 (SP4 or higher), Windows® XP (SP1 or higher) Windows Server® 2003 (SP1 or higher), Windows® XP Media Center Edition 2005 (SP2 or higher), Windows Vista® (except for Nero ImageDrive)
- Windows® XP Professional x64 (all applications except InCD, Nero Scout, and Nero ImageDrive work in the x86 emulator that allows 32-bit Windows applications to run.)
- Windows Vista® x64 (all applications except InCD, Nero Scout and Nero ImageDrive work in the x86 emulator that allows 32-bit Windows applications to run.)
- DirectX® 9.0c (10th October 2006) or higher
- Windows® Explorer 6.0 or higher
- 1 GHz Intel® Pentium® III processor, AMD Sempron™ 2200+ or equivalent
- Minimum 256 MB RAM (for Windows Vista® minimum 512 MB RAM)
- 1.5 GB hard drive space for standard installation of all components
- Up to 9 GB available drive space for DVD images and temporary DVD files
- Graphics card with at least 32 MB video memory and a minimum resolution of 800 x 600 pixels and 16-bit color settings. However, we recommend 24-bit or 32-bit for true color.
- CD, DVD, Blu-ray or HD DVD recordable or rewriteable drive for burning
- Installation of the latest WHQL (Windows® Hardware Quality Labs) certified device driver strongly recommended
- Internet connection with DSL 1000 speed or higher for the registration and the update of the Nero 8 help files and other functions. It is also required for the activation of the complete functional range (DVD, MPEG-2, MPEG-4, and AVC), which will be required 30 days after installation. This activation is free of charge. The costs for the Internet connection are carried by the user.
- To install Nero 8 you must have administrative rights for all operating systems higher than Windows® 2000.
- For real-time capturing and burning: at least 1.8 GHz Intel® Pentium® 4 Processor or AMD Sempron™ 2600+
- Minimum 1.4 GHz Intel® Pentium® III Processor with 256 RAM for TV recording and DVD editing
- Drive with SecurDisc support
- 16-bit Windows® compatible sound devices and speakers

## 1.2 Specific Requirements for Each Application

### Nero ShowTime

- DVD drive for playing DVD-Video
- BD/ HD DVD capable drive to play BD/ HD DVD-Video
- DVD-Video Multichannel Plug-in, DVD-Video Plug-in, and/or Multichannel Plug-in\* for DVD playback
- Graphics card with hardware overlay support
- Certain Blue Laser functionalities require purchase of an additional plug-in available at [www.nero.com](http://www.nero.com).

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\* Already available in the full version.

**Nero Home**

- TV tuner or video capture card for analog and digital recording (DVB-T, DVB-S, DVB-C and ATSC), compatible with the BDA (Broadcast Driver Architecture) driver standard. Nero Home does not support video recording via FireWire® (OHCI 1394) List of compatible devices: [http://www.nero.com/link.php?topic\\_id=113&gen\\_id=8](http://www.nero.com/link.php?topic_id=113&gen_id=8)
- DVD-Video Multichannel Plug-in or DVD-Video Plug-in and/or Multichannel Plug-in\* for DVD functions and encoding in Dolby® Digital 2-channel
- For EPG support an XML file is needed from a third party

**Nero MediaHome**

- Analog or digital TV card (analog, DVB-T, DVB-S, DVB-C, and ATSC) to the BDA driver standard
- Certified UPnP™ devices for streaming with the Nero MediaHome server (you will find a list of certified UPnP™ devices at: [www.nero.com/link.php?topic\\_id=122&gen\\_id=8](http://www.nero.com/link.php?topic_id=122&gen_id=8))

**Nero Vision**

- OHCI compliant FireWire® (IEEE 1394) Controller for DV capturing
- Analog or digital TV card (analog, DVB-T, DVB-S, DVB-C, and ATSC) according to the BDA driver standard
- Graphics card with 3D acceleration and minimum 128 MB of video memory and hardware-accelerated transformation and lighting for Smart3D templates
- Blu-ray /HD DVD-Video plug-in for playback of Blu-ray and/or HD DVD media

**Nero Burning ROM, Nero Express, Nero BackItUp**

- LightScribe capable recorder (LightScribe host software must be installed) and LightScribe capable disc
- Labelflash™ recorder and Labelflash™ disc
- Blu-ray recorder and disc
- HD DVD recorder and HD DVD
- SecurDisc capable drive (Nero Express only)

**Nero Recode**

- DVD-Video Multichannel Plug-in, or DVD-Video Plug-in, and/or Multichannel Plug-in\* for DVD video recording and the "DVD-9-to-DVD-5" function.
- Multi-core processor (recommended)

**Nero CoverDesigner**

- LightScribe capable burner (LightScribe host software must be installed) and LightScribe capable disc
- Optional: Labelflash™ capable recorder and Labelflash™ disc

**InCD, InCD Reader**

- SecurDisc capable drive to remove duplication protection from SecurDisc discs

**SecurDiscViewer**

- SecurDisc capable drive with SecurDisc protected disc

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\* Already available in the full version.

### **MCE Plug-ins (Nero Burn and Nero Burn Settings, Nero MediaStreaming)**

- Windows Vista® Home Premium or Windows Vista® Ultimate with Media Center or Windows® XP Media Center Edition 2005 Rollup 2
- Graphics card with overlay support, at least 8 MB video memory and a minimum resolution of 800 x 600 pixels and 16-bit color settings. However, 24-bit or 32-bit true color is recommended
- Nero MediaHome 2.0 must be installed on the server (when using the Nero Media-Streaming MCE Plug-in)

### **Mini Application Nero DiscCopy**

- Windows Vista®

## **1.3 Additional system requirement for Blu-ray Disc und HD DVD**

- Blu-ray Disc or HD DVD capable drive with recorder function for data, audio and video
- Windows® XP (SP2 or higher), Windows® Server® 2003 (SP1 or higher), Windows® XP Media Center Edition 2005 or higher, Windows Vista®
- 2 GHz Intel® Pentium® IV processor, AMD Sempron™ 3000+ or faster
- Minimum 512 MB RAM

### **1.3.1 Additional Requirements for Playing Protected High-Resolution Content**

- One of the following processors with at least the specified clock speed: AMD Athlon™ 64 FX 2.6 GHz, AMD Athlon™ 64 X2 2.2 GHz, AMD Turion™ 64 X2 2 GHz, Intel® Core Duo 2 GHz, Intel® Core 2 Duo 1.8 GHz, Intel® Pentium® Extreme Edition 3.2 GHz, Intel® Pentium® D 3.4 GHz
  - Minimum 1 GB RAM
  - Up to 50 GB free hard drive space for Blu-ray Disc BD-R/RE dual layer disc images
  - Up to 30 GB free drive space for HD DVD-R/RW dual layer disc images
  - Minimum Windows® XP (SP2) for 32-bit systems
  - Minimum Windows Vista® for 64-Bit systems
  - AACs support by means of the installed Blu-ray Disc or HD DVD drive
  - Graphics card with at least 256 MB video RAM based on
    - NVIDIA® GeForce® 6600GT, 7600GT, 7800GTX512, 7900GS, 7900GT, 7900GX, 7900GTX, 7950GT, 7950GTX, 8500, 8600, 8800, 8400M, 8600M or newer
    - ATI-Serien X1600, X1650, X1800, X1900, X1950, Radeon HD series or newer
- in one of the following board and screen combinations:
- PCI-Express/Onboard video board with built-in display (e.g. notebook or integrated PC)
  - PCI-Express video board with support for DVI/HDMI and HDCP, screen/television with HDMI input or HDCP supported DVI input
  - PCI-Express video board with VGA output and VGA monitor
  - PCI-Express video board with component video output and video output, CGMS-A and Macrovision support, television or projector



On analog monitors some discs display only at low resolution or not at all.

- The newest graphics drivers with COPP support. (Recommended: ATI Catalyst™ 7.4, NVidia® ForceWare™ 169.21 (Windows® XP), ForceWare™ 158.22 (Windows XP/GeForce® 8 Series), ForceWare™ 169.25 (Windows Vista®) or higher)
- Microsoft® .Net Framework 2.0 must be installed prior to the Nero Suite in order to play interactive HDi™ content on HD DVD-Video
- For optimal resolution, the graphics card and the screen should support HDCP = some combinations of graphics card and screen produce poor resolution
- Internet connection for updating AACs keys. These are needed in order to play AACs protected Blu-ray Disc and HD DVD videos.



See the respective device manual to determine whether a screen or TV device supports HDCP.

### 1.3.2 Optional System Requirements for Blu-ray Disc and HD DVD

- Blu-ray reading/writing device for Blu-ray Disc/ HD DVD support (see special Blue laser system requirements at [www.nero.com](http://www.nero.com))
- HD capable video board and DVB(-T) adapter
- DVD-Video plug-in is already included in retail version. You will find a list of compatible devices at [http://www.nero.com/link.php?topic\\_id=113&gen\\_id=8](http://www.nero.com/link.php?topic_id=113&gen_id=8)
- FireWire® controller conforming to OHCI (IEEE 1394) for HDV recording

## 1.4 Applications of the Nero 8 Suite\*\*

This QuickStart Guide explains how to install the Nero 8 Suite and provides a brief description of the individual applications. For detailed information on working with the applications, please refer to the relevant user manuals or the online help, also installed when Nero is installed. You can find the latest manuals for the individual applications and the constantly updated online help files on our website at [www.nero.com](http://www.nero.com).

### Nero StartSmart

Nero StartSmart is the completely redesigned command center of Nero Suite. You simply select the desired task and the application starts up automatically. Here you can also choose the language you wish to use. Further, using your Internet connection you can check whether new program versions are available from Nero and download them.

### Nero Express

Nero Express provides all the performance and efficiency of Nero Burning ROM with a simplified user interface. Whether you are a beginner or an expert, Nero Express guides you quickly and easily through your desired burning tasks. The default settings are selected to automatically produce the best possible result. Using the program is remarkably easy: simply select the object to be burned, add the files, and start burning. It is just as easy to create SecurDisc discs with Nero Express and a SecurDisc supported drive. SecurDisc is a new hardware and software technology developed by Nero and HLDS with which you can create discs with special protection properties, such as data integrity, reconstructability, encryption and duplication protection. Such discs can be created with SecurDisc supported drives (e.g. from HLDS/LG and Nero Express) and read from any drive with Nero's InCD or InCD Reader.

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\*\* The scope of the specific software package which was supplied depends on the type of product bundle acquired. Therefore, the package concerned may not contain all the individual programs.

### **SecurDiscViewer**

SecurDisc Viewer is a standalone application that is part of the SecurDisc technology platform. This is the one application that allows you to open PDF documents that have been password-protected against unauthorized access using SecurDisc and/or protected against unauthorized duplication using the special SecurDisc duplication protection feature. SecurDisc duplication protection lets you effectively control the distribution of electronic documents, since the documents secured this duplication protection can only be read, not edited or sent electronically. Files protected using SecurDisc can only be distributed using an original DVD which is read by the recipient with the help of a SecurDisc drive and the SecurDisc Viewer application.

### **InCD**

InCD, the packet writing application, allows you to format CDs/DVDs so that they can be used as diskettes. You can copy files onto the disc using drag and drop in Windows® Explorer® or save them to the disc from other applications. InCD uses the UDF file system and is compatible with the UDF reader in Windows® 2000 and Windows® XP. The disc can be checked for errors following formatting. InCD can access data in defective sectors in file systems above UDF 2.50 thanks to its option of duplicated metadata and thus offers additional protection for data. With SmartDetect, InCD also features a technology which automatically detects the writing characteristics of recorders, even if the recorder is newer than the InCD version. Of course media written with InCD is compatible with other standard UDF software products. You can also read SecurDisc discs with InCD – without SecurDisc duplication protection and without a SecurDisc supported drive.

### **InCD Reader**

With InCD Reader, all discs that were created with InCD can be read, even on computers that do not have InCD installed. InCD Reader functions as the so-called remapper, which is required to do this. InCD Reader can also access all discs created with SecurDisc if no SecurDisc duplication protection was applied and even if a drive is used that does not support SecurDisc.

### **Nero Home**

Nero Home combines TV and the recording of TV channels with the playback of DVD-Videos and audio/video files in one easy-to-use interface. Not only can Nero Home play all your media files but it can also catalog them and organize them in individual libraries. It allows you to compile files from various media into a playlist; an example of such a compilation would be a slide show with videos and images accompanied by background music. Intelligent sorting functions allow you to search by file type, track, artist, album, etc., as well as by meta information. Hot-plugging devices such as cameras and memory cards are detected immediately and their content can be added directly to the database. Wizards are provided to assist you with the configuration – e.g. scanning for television channels and regional settings – so that you can find your way without any difficulties. Nero Home is controlled over the computer or various computer remote controls. A list of the supported remote controls can be found under [www.nero.com](http://www.nero.com).

### **Nero Burning ROM**

The powerful burning software Nero Burning ROM allows you to burn your data, music and videos to disc. Nero Burning ROM gives you full, customized control of your burning projects. You can – among other things – define the file system, the length of the file name, and the character set; you can also change the disc label. And of course you can also customize the Nero Burning ROM toolbar and change the keyboard shortcuts. Despite its wide range of features, Nero Burning ROM has remained an easy-to-use burning program that creates discs in just a few steps. You select the disc type to be burned (CD/DVD/Blu-ray/HD DVD), define the project type, add the required data and then start burning.

## Nero Scout

Nero Scout is a database program that creates a database from all media files on your computer; this database is indexed, cataloged, and made available to other Nero Suite programs. Unlike other databases produced by various media players and which only catalog the files associated with the program, Nero Scout databases are universal and therefore available on all playback programs. Nero Scout creates an entry in Windows Explorer so that you have a complete overview of the media library at all times. Nero Search will enable you to quickly find the files indexed by Nero Scout. Nero Scout is of particular significance for Nero Home, since file searches using Nero Home only find and display cataloged files. We therefore recommend that you always leave Nero Scout enabled. Integrated in Nero Scout is Nero Search, a search wizard that allows you to search for files on your computer quickly and easily. Note however that the desktop search function can only find files indexed by Nero Scout. Nero Search also provides a web search function. It can be accessed in the taskbar. In addition, it is integrated into the Nero applications Nero Burning ROM, Nero Express, Nero Vision, Nero WaveEditor, Nero SoundTrax, Nero Recode, Nero PhotoSnap, and Nero PhotoSnap Viewer. Nero Search is an integral part of the Nero Suite and does not need to be installed separately. You must activate Nero Scout before you can use the Nero Search desktop search function.

## Nero Vision

Nero Vision is a program for recording, editing, and burning films/slide shows with an extremely user-friendly interface. Using Nero Vision you can transfer your videos from DV video cameras or other external video devices to your computer and burn them as DVD-Video, DVD-VR/DVD-VFR (video mode)/DVD+VR, Video CD (VCD), Super Video CD (SVCD), miniDVD, or HD-BURN; alternatively you can also store them in a folder on your hard drive. With the many features offered in this powerful multimedia software, you will have numerous options for creating and collecting your memories. Nero Vision allows you to shorten videos quickly and easily, add effects to videos, produce chapters with the help of automatic scene detection, manually define chapter marks, produce your own menus from pre-defined menu templates with animated buttons, add your background pictures and text, use the preview screen over the handy virtual remote control to view your project, and much more.

Using your DV video camera, a FireWire® card, and the appropriate hardware, you can import your own videos from your camera. If you have a DirectShow® compatible video capture card you can use Nero Vision to record videos directly from the video capture card. If you do not have any video hardware at all you can still work with video files that are on your computer or that you downloaded from the Internet.

## Nero Recode

Nero Recode allows you to copy non-copy-protected DVD-Videos to DVD, which is a method of archiving your content. If the source video exceeds 4.7 GB, it will be compressed to fit into one layer of a DVD disc without loss of quality. You can also exclude unwanted material on the source DVD from the copying process (including subtitles or soundtracks) thereby making space for additional videos or for better video quality. As an alternative, the target DVD can also be recorded on the hard drive in the form of a DVD video directory or it can be created on the hard drive as a so-called disk image. Of course, you can also choose to produce your own compilation from the contents of various (non-copyrighted) DVDs and then, for example, export the contents to the future-oriented Nero Digital™ MPEG-4/ H.264 AVC which can then be burned to disc. No matter whether the video is intended for playing on mobile devices or HDTV, the various export profiles allow you to adjust the output format to your requirements - and you will always receive the best quality for your respective file size thanks to the various export profiles. Thus, Nero Recode lets you copy, recompile, and recode the contents of DVs and DVDs and then to burn the results to disc.

### **Nero WaveEditor**

Nero WaveEditor allows you to record pieces of music, edit the corresponding audio files, using, for example, various filters and sound optimization methods, and finally burn them using Nero Burning ROM or Nero Express. With Nero WaveEditor you edit the audio files non-destructively in real time. Thanks to an internal reference-based audio format, the editing history is simultaneously stored so that changes can also be undone. Various effects (e.g. chorus, delay, flanger, or hall), numerous tools (e.g. stereo processor, equalizer, or noise gate), sophisticated improvement algorithms (band extrapolation, noise suppression, or declicker) as well as the filters are provided to assist you in editing your files.

### **Nero SoundTrax**

Nero SoundTrax is the professional application for the production of audio CDs. Instead of simply compiling audio files into a playlist for a CD as before, you can now mix or change the contents of the audio files. A number of wizards are provided to help you copy your records or cassettes to your computer in just a few steps. Thanks to the many templates, even demanding projects are no longer a problem: 5.1 Surround, 7.1 Surround - simply select the template and Nero SoundTrax opens along with the relevant tracks. In addition, the integrated Nero ScratchBox provides user-friendly functions for mixing and scratching.

### **Nero CoverDesigner**

Nero CoverDesigner is full-featured software for customizing cover elements such as booklets, inlays and labels. Nero CoverDesigner supports cover elements for many disc types, e.g. CD jewel case, DVD cases, multibox, maxi-CD, slim pack, business card etc. Nero CoverDesigner also supports LightScribe and Labelflash™ compatible recorders that enable you to print directly onto the media.

### **Nero ShowTime**

Nero ShowTime allows you to play all digital recordings (e.g. movies, TV programs, home videos, or DVD-Video) with excellent picture and sound quality. The application features a reminder function for each disc inserted and allows you to create screenshots of the video being shown during playback. Nero ShowTime supports the formats DVD-Video (also from a hard drive), VCD, SVCD, miniDVD, Nero Digital, MPEG-1/-2/-4, as well as AVI - in both PAL and NTSC. The video window can be scaled or viewed in full-screen mode. The audio output of Nero ShowTime supports Dolby® Digital AC3, LPCM, MPEG-1/-2, and S/PDIF for digital sound. The integrated application Nero RichPreview running on a Windows Vista® computer can preview video files directly in the folder.

### **Nero PhotoSnap**

Nero PhotoSnap allows you to edit photos and improve their quality using various optimization options. Among other things, you can rotate and cut the images, choose from a variety of effects, eliminate errors, change the resolution, and save the result in many different file formats. You can capture photos directly from a digital camera and edit them directly.

### **Nero PhotoSnap Viewer**

Nero PhotoSnap Viewer allows you to display image and photo files and search for them in image directories.

### **Nero MediaHome**

Nero MediaHome is a certified UPnP™ (Universal Plug and Play) AV (Audio / Video) media server which automatically recognizes UPnP™ within a network. Nero MediaHome can be used to exchange audio, video and image files via the local network between the PC with MediaHome and other PCs with compatible software (e.g. Nero ShowTime, Nero Home or the Nero MediaStreaming plug-in) or UPnP™ devices. Nero MediaHome is a server that enables clients, that is players that request services (e.g. Nero ShowTime), to reproduce files located in released folders on the server. Thanks to Nero MediaHome, your PC can link up to other home entertainment electronics devices (for instance televi-

sion sets) to create a unified media center. This gives you the option of viewing transmitted television programs via Nero MediaHome on two players simultaneously (multi-room viewing). Nero MediaHome automatically supplies the files in the appropriate format to the player in question.

### **Nero BackItUp**

Nero BackItUp is a program for backing up and restoring data. Nero BackItUp saves files (file backup) as well as programs and operating systems (drive backup). Open files can be backed up with the shadow copy feature while you continue to work on the file. You can burn the backup to a disc or save it to a hard drive or FTP server. An image file can also be saved. With Nero BackItUp you can verify at any time that the backed up data is complete and correct. Use Nero BackItUp to set up jobs for regular data backup that are executed automatically. Nero BackItUp can create bootable discs and, if necessary, it can restore a previously backed up system.

## **1.5 Nero Tools**

Nero Tools includes the programs Nero ControlCenter, Nero BurnRights, Nero ImageDrive, Nero DiscSpeed, Nero DriveSpeed, Nero InfoTool and Nero RescueAgent.

**Nero RescueAgent** is the new tool that quickly and easily restores data on CDs and DVDs that are damaged by scratches or no longer readable due to age. On multi-session discs and discs that were formatted for the UDF file system, you can also restore deleted data and older versions of data and save it on your computer.

**Nero ControlCenter** allows you to determine whether new updates for your Nero Suite are available. These can then be downloaded and run. Also, you can select a language or languages and install features at a later time. In addition, you have the option of modifying the existing installation of Nero 8, retrieving information about serial numbers, and deleting or adding serial numbers.

As of Windows® 2000, **Nero BurnRights** allows a system administrator to grant users without administrator rights permission to burn discs and connect new burners. This is necessary as users without administrator rights do not have access to the drivers needed for burning discs or for connecting new burners.

With **Nero ImageDrive** you can set up a virtual drive. The virtual drive is visible in the Windows Explorer and can be used just like any other drive. Instead of an actual disc, you load images to the virtual drive. An image contains a complete CD or DVD and can be created with Nero Burning ROM, for example. Depending on the content of the loaded image, you can open and display files and run programs from the virtual drive. Nero ImageDrive offers fast drive emulation and can automatically load an image when your computer starts up. Images can also be loaded via Explorer or command line. Nero ImageDrive supports up to two drives simultaneously: CD and DVD disc types as well as image formats NRG and ISO. Nero ImageDrive is not available in Windows Vista®.

**Nero DiscSpeed** tells you the speed of the available CD/DVD drives. Results can be viewed either as a graphic display or as a test log. Nero DiscSpeed also creates special test media for data and audio.

**Nero DriveSpeed** allows you to set the reading speed of discs and thereby noticeably reduce the noise level. This can be very beneficial when playing games or when playing music. The spin-up and spin-down times of the drives can also be optimized so that damaged files can still be read, for example, or game discs accessed with greater speed.

**Nero InfoTool** allows you to call up information about the most important features of installed drives, inserted discs, installed software and much more. You obtain detailed data on drive properties such as firmware, buffer size, serial number, production date and, for DVD drives, the current DVD region code. Nero InfoTool tells you the names and version numbers of the operating system, the ASPI manager, the installed burning applications,

and it provides information about the hardware configuration of your computer. Furthermore, Nero InfoTool supports screen reader technology, an alternative user interface for the blind and visually impaired that acoustically outputs text elements on the screen.

## 1.6 Nero 8 Suite Gadgets

### **Nero DiscCopy**

Windows Vista<sup>®</sup> features so-called Gadgets which appear in the sidebar or on the desktop and are a quick and easy way of executing frequently required operations. Nero DiscCopy is one of these gadgets for Windows Vista<sup>®</sup>, and allows you to easily copy and burn discs directly or store them as an image file.

This mini application is already included in the full version of the Nero Suite and is installed automatically if Windows Vista<sup>®</sup> is used as an operating system.

## 1.7 Nero 8 Suite Plug-ins

### **mp3PRO<sup>®</sup>**

The mp3PRO<sup>®</sup> Plug-in allows you to generate files that are smaller in size than original MP3 files but offer the same or better sound quality. For example, at 64 kbit/s, the new codec promises near-CD quality, which is significantly better than MP3 at the same bit rate. You can continue to play your old MP3 files on a new mp3PRO<sup>®</sup> player as usual. Of course, mp3PRO<sup>®</sup> files that are played on a new mp3PRO<sup>®</sup> decoder offer an optimum sound experience. This plug-in gives you the opportunity to encode unlimited audio files in mp3PRO<sup>®</sup> or MP3 format. This way, for example, you can archive all your CDs on your hard drive. This plug-in is already included in the full version of the Nero Suite.

### **Nero MediaStreaming for Microsoft<sup>®</sup> Windows<sup>®</sup> Media Center**

The MediaStreaming Plug-in allows you to stream multimedia data from a computer running under the Windows<sup>®</sup> XP Media Center Edition (MCE) operating system to a computer running under a conventional Windows<sup>®</sup> XP operating system in conjunction with Nero MediaHome. This means that you can access the multimedia data on your MCE computer from any computer in the network. TV streaming is also supported. If you have an Xbox<sup>®</sup> 360 connected to your MCE computer you can also access your multimedia data through your Xbox<sup>®</sup> 360. This plug-in is already included in the full version of the Nero Suite and installs automatically when dealing with Windows<sup>®</sup> Media Center Edition.

### **Nero Burn/Burn Settings for Microsoft<sup>®</sup> Windows<sup>®</sup> Media Center**

The Nero Burn Plug-in under Windows<sup>®</sup> XP Media Center Edition (MCE) allows to you burn data, music files and video files from your media collection via the MCE interface; for example, you can burn a presentation this way. Moreover, with the help of the Nero Burn Settings Plug-in you can define various settings for creating CDs and automatically convert various file formats to a uniform format. This plug-in is already included in the full version of the Nero Suite and installs automatically when Windows<sup>®</sup> Media Center Edition is available.

### **DVD-Video Multichannel Plug-in**

The new DVD-Video Multichannel Plug-in unites the functions of the Multichannel Plug-in and the DVD-Video Plug-in. The DVD-Video Multichannel Plug-in by Nero allows you generate DVDs in digital surround-sound quality, thereby enabling a more enjoyable viewing experience. You can be sure that the files will be available in the correct MPEG format during burning and that they will be playable on any DVD player. The DVD-Video-Multichannel-Plug-in supports Dolby<sup>®</sup> Digital (AC3) 2.0- encoding/decoding, Dolby<sup>®</sup> Digital 5.1 decoding, Dolby<sup>®</sup> Digital 5.1 encoding, Pro Logic<sup>®</sup>-decoding, MPEG-2/DVD encoding/decoding, MPEG-2/SVCD encoding/decoding, and the reading of CPRM protected media. This plug-in is already included in the full version of the Nero Suite.

**Nero Digital™ Plug-in for Adobe® Premiere®**

The Nero Digital™ plug-in for Adobe® Premiere® allows you to convert video files edited in Adobe® Premiere® into Nero Digital™ files (MPEG-4). Additional setting options are available during encoding.



You will find detailed information on how to use the described applications, tools, gadgets and plug-ins within the Nero Suite in the respective manuals, which you can download from our website at [www.nero.com](http://www.nero.com).

## 2 Installation

### 2.1 Installing Nero Suite



To install the Nero 8 Suite you need administrator rights for all operating systems.

The Nero Suite installation wizard walks you through the quick and uncomplicated installation. Proceed as follows:

1. Close all Microsoft® Windows® programs and exit any anti-virus software that may be running.
2. Insert the Nero 8 disc into the CD/DVD drive and click the **Nero 8** button.  
You can also start the installation process by double-clicking the downloaded installation file.  
→ The required files are automatically unzipped and stored on drive C in a temporary folder from which they are automatically deleted once they have been used. The installation is prepared and the installation wizard appears.




If the program does not start automatically, select the CD/DVD drive containing the Nero 8 disc in the Explorer®. Double-click the **setup.exe** file in the root directory of the disc to manually start the installation wizard.

3. Click the **Next** button.  
→ The **License Agreement** screen is displayed.
4. Carefully read through the license agreement. If you agree to the terms of the license agreement, click 'I accept all terms of the preceding License Agreement'. Installation will not be possible without this agreement.
5. Click the **Next** button to continue with the installation.  
→ The **Customer Details** screen is displayed.
6. Enter your name and the serial number in the text fields. Corporate customers should also include their company's name.



The serial number can be found on the back of the disc jacket. If you are using the download version you will have received the serial number per e-mail.


7. Click the **Next** button to continue with the installation.  
→ The **Setup Type** screen is displayed.
8. Enter the desired installation type. You can choose between the **Normal** installation (for all Nero 8 Suite applications except InCD) and a **User defined** installation with which you can select the languages, the applications, and the installation folder.
9. Click the **Next** button to continue with the installation.  
→ If you have selected the normal installation, the **Ready to Install the Program** screen is displayed.  
→ If you chose custom installation, the **Language Selection** screen is displayed.
10. If you have chosen the user-defined installation, please proceed as follows:
  1. In the **Language Selection** screen, check the boxes for the languages you wish to install.
  2. Click the **Next** button to continue with the installation.  
→ The screen in which the applications can be selected is displayed. The applications that will be installed are indicated by a hard drive icon. The applications that are not to be installed are indicated by a red **X**.

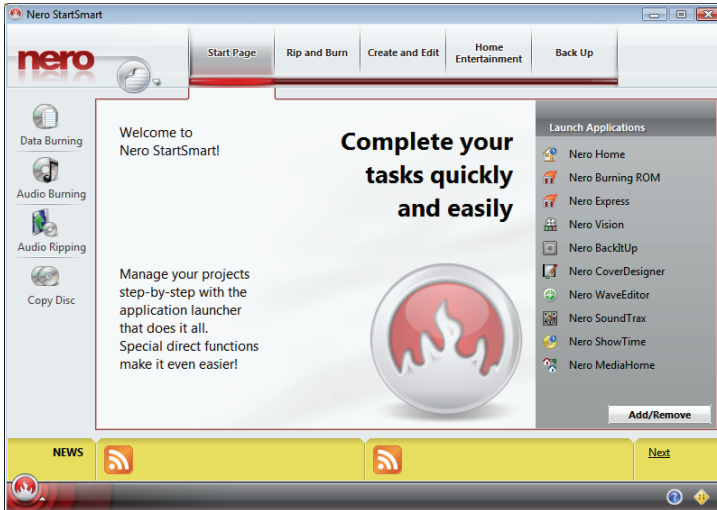
3. To select an application, click the hard drive icon or the red **X** and choose one of the following installation options from the context menu:
  - This feature will be installed on local hard drive** installs the application without additional components such as help files and templates.
  - This feature, and all subfeatures will be installed on local hard drive** installs the application and all additional components.
  - This feature will not be available** does not install the associated application.
4. To redefine the installation directory, click the **Change** button and select the required folder in the **Browse Folder** window that is displayed.
5. Click **OK** to accept the input.
6. Carefully read through the license agreement. If you agree to the terms of the license agreement, click 'I accept all terms of the preceding License Agreement'. Installation will not be possible without this agreement. Click the **Next** button to continue the installation.
  - The **Start Installation** screen is displayed.
11. Click the **Install** button to start the installation.
  - The Nero 8 applications will be installed in the default installation folder **C:\Programs\Nero\Nero 8**. A progress bar indicates the installation progress. The **Settings** screen is displayed at the end of the installation.
12. On the relevant tabs, check the boxes for the photo, video, and music file formats which are to be automatically opened using the corresponding Nero 8 application.
13. On the **Options** tab, check the boxes for the required options.
14. Activate the **Configure Nero Scout on first usage** check box if you want to define the Nero 8 folders after the first start. These are the folders whose media files have been cataloged by the database program Nero Scout and made available to the Nero 8 applications.
15. Click the **Next** button to continue the installation.
  - The final screen of the installation wizard is displayed.
16. Click the **Exit** button.
  - The installation wizard is closed.
    - The **Nero StartSmart** icon  is now available on the computer's desktop.

### 3 Nero StartSmart

#### 3.1 Starting the Nero 8 Suite using Nero StartSmart





The Nero StartSmart icon will appear on the desktop of your computer after the installation of the Nero suite. Nero StartSmart, the "command center" of the Nero suite, provides convenient access to all applications. Start Nero StartSmart as follows:

1. Double-click the Nero StartSmart icon .
  - The Nero StartSmart start window opens.



The following control options are available:

#### ■ Buttons





	Displays a menu in which you can specify the settings for the integrated functions, the options for the newsfeeds, the desired language (see <a href="#">Nero Suite Language</a> ), or check whether updates are available for your Nero Suite at <a href="http://www.nero.com">www.nero.com</a> (see <a href="#">Updating Nero Suite</a> ).
	Displays a selection list of Nero applications, tools and manuals that can be opened here by clicking them.
	Displays online help.
	Establishes an Internet connection to <a href="http://www.nero.com">www.nero.com</a> and checks whether updates are available for your Nero Suite (see <a href="#">Updating Nero Suite</a> ).

## ■ Tabs in the upper part of Nero StartSmart's startup window

<b>Start page</b>	Shows the start page of Nero StartSmart and welcomes you. Here, too, is the Pre-start applications area where you can add applications that you want to have immediate access to after the program has launched.
<b>Ripping and Burning</b>	Offers you a choice of frequently occurring ripping and burning projects. These are pre-configured and therefore can be easily and quickly executed.
<b>Create and Edit</b>	Offers pre-configured projects for quickly and easily creating slide shows and disc labels, editing videos, converting audio files and much more.
<b>Home Entertainment</b>	Offers pre-configured projects for playing and recording videos, playing audio files, viewing and recording live television programs and much more.
<b>Backup</b>	Provides additional pre-configured projects for backing up data, restoring data, scheduling future backups, creating a disaster recovery disc, and just copying a disc.

## ■ Menu icons

The menu icons on the left side of the Nero StartSmart startup screen represent integrated features which you can execute on-the-fly in NeroStartSmart without having to call up other applications of the Nero Suite. These integrated features are optimized, pre-configured processes that are often required.

 <b>Burn data</b>	Opens the <b>Burn data disc</b> window in which you can quickly burn a selection of files. First name the disc and select a target drive, add the files to be burned, and click <b>Burn</b> .
 <b>Burn audio data</b>	Opens the <b>Burn audio data</b> window. Here you can quickly and easily create audio CDs, MP3 Jukebox discs or Jukebox discs in the Nero Digital™ Audio+ format.
 <b>Rip Tracks</b>	Opens the <b>Rip Audio CD</b> window. Select the target drive, output file format and the target directory and click <b>Save</b> . This way you can quickly and easily rip tracks from an Audio CD.
 <b>Copy disc</b>	Opens the <b>Copy disc</b> window. Here you only need to specify the source and target drives and click <b>Copy</b> to copy your disc.

## ■ Pre-start Applications area

Here you can configure which applications you want to have immediate access to when Nero Suite starts up. The following button is available for this:

<b>Add/ remove</b>	Opens a list of all available Nero Suite applications. From this list you can choose the applications you want by activating or deactivating the appropriate check boxes. The selected applications are displayed in the <b>Pre-start Applications</b> area.
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## ■ News area


In the yellow News area at the bottom of Nero StartSmart's startup screen, news is displayed from newsfeeds that you have specified in the buttons menu (see [Setting up Newsfeeds](#))

- The following button is available for this:

<b>Next</b>	Opens the next headline of a news item in the newsfeed. Clicking the headline opens the complete news item.
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## 3.2 Updating Nero Suite

This function requires you to have an Internet connection; you may also update your installation using a downloaded update which you have stored on your computer. To update Nero Suite, proceed as follows:

1. Click the **Search for updates**  button in the Nero StartSmart startup window.
  - The **Nero ControlCenter** window appears with a list of all installed Nero 8 applications. The installed version of each application will be displayed along with the availability of an update if one has been released.
2. Click the **Check for updates** button to see if further updates are available.
  - A dialog box which informs you of the progress and the result of the search will be displayed.
3. Click the **Update Now** button to download the new updates.
  - A dialog window that allows you to choose between updating via the Internet and using an update file downloaded previously and stored on the computer is displayed.
4. Click the **Download** button to update through the Internet.
  - A dialog window will appear, informing you of the progress and the results of the download process. It will also inform you that there must already be an installed version of Nero 8 before the update can be installed and automatically applied.
5. To use an update file already available on your computer, enter the file's directory path in the text field of the displayed dialog box or click the **Browse** button to select the path.
6. Click the **OK** button.
  - The update is executed. The relevant version designations are displayed in the **Installed Versions** column. If there are no updates available for the applications selected, a dialog window containing an appropriate message will be displayed.

### **Windows® Firewall is Blocking the Update Process**



If this happens, a notification window appears, offering the option of automatically configuring the firewall to permit an Internet connection for the update process. If you accept, the update process will be resumed. If you would prefer to manually configure the firewall, decline this offer.

### 3.2.1 Configuring an Automatic Update Check

This function is enabled by default, i.e. a check is automatically performed for new updates every 30 days. Proceed as follows to change this value:

1. Make sure that the check box for regular automatic updates is checked.
2. Enter the number of days after which the automatic update should be performed in the corresponding text field and click the **OK** button.
  - The time interval for automatic update checks is redefined.




The update check for Nero Suite is actually a feature of the **Nero ControlCenter** tool provided in Nero StartSmart. With Nero ControlCenter you can also set the language for your Nero Suite, enter additional serial numbers and perform subsequent setup settings. A detailed explanation is in the Nero ControlCenter Manual, which you can download from [www.nero.com](http://www.nero.com) free of charge.

### 3.3 Nero Suite Language

In the **Language Selection** screen of Nero ControlCenter you can define which language you currently want Nero applications to use and which should generally be available.

#### 3.3.1 Defining Currently Used Languages

Proceed as follows to define the language which should currently be used by all Nero applications.

1. In the Nero StartSmart startup window, click the  button.
2. Click **Change language** in the displayed menu.  
→ The language selection window appears.
3. Select your desired language in the selection menu.
4. Click the **Change language now** button.  
→ The selected language is used immediately.

#### 3.3.2 Defining Generally Available Languages

To define which languages are to be generally available, proceed as follows:


1. Click the **Language** button in **Nero ControlCenter**.  
→ The language selection screen with a list of all languages that can be installed is displayed; the check boxes of the languages which are already installed are checked. The entry **Partly installed** will indicate if different languages for different Nero products have been selected.
2. Activate/deactivate the check boxes of those languages which additionally/no longer should be available.  
→ Additionally selected languages have the entry **Add** while deactivated languages have the entry **Remove**.
3. Click the **Add / remove languages** button.  
→ Nero checks automatically if the corresponding installation file is available with the corresponding language files.
4. Confirm the installation of activated/deactivated language files in the appearing dialog box when the language files are found.  
→ The additionally activated languages files are available; the deactivated ones have been removed.
5. If the language files cannot be found, a dialog box will appear offering a corresponding search function on all drives which are locally accessible; it will also offer access to the Internet so that the latest files may be downloaded. Decide on one of the two possibilities and click the **OK** button.  
→ Valid language files will be automatically installed when they are found using one of the two methods.



The Nero Suite language setting feature is a **Nero ControlCenter** tool additionally available in Nero StartSmart. Nero ControlCenter also lets you update your Nero Suite, enter additional serial numbers and perform subsequent setup settings. A detailed explanation is available in the Nero ControlCenter Manual, which you can download from [www.nero.com](http://www.nero.com) free of charge.

### 3.4 Setting up Newsfeeds

To subscribe to newsfeeds, proceed as follows:

1. Click the  button.
2. Select the **Options/Newsfeed** in the displayed menu.  
→ The **Newsfeed Options** screen is displayed.
3. Use the arrow keys to select the **Update interval**. It is specified in minutes.
4. Update the corresponding check boxes if you want to subscribe to the Nero Newsfeed.
5. Click the **Subscribe** button to create a new newsfeed.  
→ The **Add newsfeed** window is displayed.
6. Enter the address of the desired newsfeed in the corresponding text field.  
→ You have subscribed to the new newsfeed, and its news items appears in the **News** area of the startup screen of Nero StartSmart.

To unsubscribe from a newsfeed, proceed as follows:

1. Select the entry from the list in the **Newsfeed options** window.
2. Click the **Unsubscribe** button.
3. Confirm your choice in the displayed dialog box.  
→ You have unsubscribed from the newsfeed and it is removed from the **Newsfeed options** window.

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**Contact:**

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