

WinDVD® 9 Plus Blu-ray

The World's #1 DVD and Video Playback Software

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Welcome to the Reviewer's Guide for **WinDVD® 9 Plus Blu-ray**, the latest version of Corel's award-winning DVD, Blu-ray Disc® and Video Playback Software.

Contents

Welcome	
Corel® Digital Media Solutions	3
Trends in the WinDVD® target market	3
Introduction	
WinDVD® 9 Plus Blu-ray at a glance	4
What's New	
New features	5
Blu-ray Disc/HD DVD playback	6
Version comparison chart	7
Product Tour	
Stylish new user interface	8
State-of-the-art upscaling & video enhancement	9
Movies on the go - Music to your ears - Hardware graphics acceleration	10
Personalize playback & enjoy HD home movies	11
Summary	
WinDVD® 9 Plus Blu-ray – The best way to watch movies on your PC!	12
WinDVD® 9 family	13
System requirements	14



Welcome

Corel® Digital Media Solutions

Enrich the way you live, work and play

Corel's Digital Media Solutions offer the broadest portfolio of products to enhance the way users live, work and play. Our innovative software gives both beginner and advanced users the tools they need to organize, enhance, edit, share and enjoy their digital content. Whether it's working with photos or video, creating or playing back DVDs and high-definition discs, or sharing on mobile devices or on the Web, Corel Digital Media solutions empower users to make the most of their digital media and enrich their lifestyle.

Covering the spectrum of user needs

Whether a beginner or advanced user – or somewhere in between – Corel has the full software suite to manage, enjoy and share photos and videos.

- **Organization** – easily import, export, categorize, sort and archive photos and videos.
- **Photo Editing** – change color, fix lighting, erase objects, crop and enhance images.
- **Project Creation** – produce movies, slideshows, calendars and scrapbooks.
- **Digital Art** – sketch, paint and transform photos into stunning paintings.
- **Video Playback** – enjoy crystal-clear playback of DVD, video and audio in most popular movie file formats.
- **Video Editing** – enhance video footage with narration, music, audio and special effects to create amazing videos.
- **DVD Creation** – create, author and burn professional-style movies, menus and slideshows to DVD and CD.
- **Copy and Convert** – transfer content to multiple media devices and/or burn to DVD and CD.



Trends in the WinDVD® target market

High-Definition Playback

The shift to HD is gaining momentum. With Blu-ray emerging as the winner in the format war, consumers who elected to "wait and see" are now able to invest in the new technology with greater confidence. HD content is gaining shelf space in retail channels and fanfare around new title launches will create even more excitement for the HD experience. For PC playback, hardware requirements are now well established and component prices are falling to the point where this year mainstream PCs will have the ability to play back HD titles. In short, the scene is now set for HD to take off.

Upscaling

If HD is clearly the future, SD remains the present. High-end televisions and DVD players address the gap between display technology and lower-resolution content by including sophisticated upscaling features. WinDVD now brings this solution to PC and notebook playback. Users can enjoy a "better-than-original" experience when playing back DVD content with advanced SD to HD upscaling and picture enhancement based on Trimension ALL2HD technology.

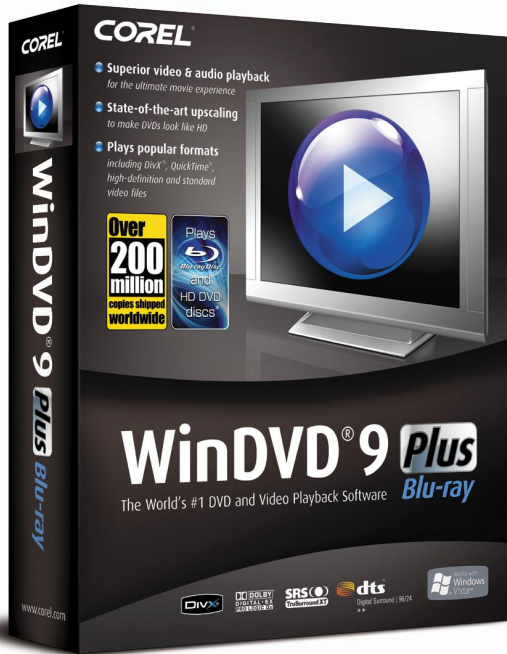
HD Home Movies

Consumers are shifting to HD camcorders for shooting their family memories. HDV led the way, but AVCHD is gaining in popularity, and Hitachi just announced a Blu-ray camcorder. WinDVD® 9 Plus Blu-ray will flawlessly play back HD home movies - from video files, AVCHD or Blu-ray discs - in full resolution.



WinDVD® 9 Plus Blu-ray at a glance

Corel® WinDVD® 9 Plus Blu-ray is DVD, Blu-ray Disc® and video playback software that delivers quality and entertainment in style. Play spectacular Blu-ray and HD DVD discs on your PC, or enjoy standard DVDs with state-of-the-art HD-quality upscaling. Take your movies on the go with advanced battery optimization controls for laptops. Play home movies recorded on the latest high-definition AVCHD™ camcorders. Choose WinDVD 9 Plus Blu-ray for the ultimate Blu-ray, DVD and video playback experience.



WinDVD® 9 Plus Blu-ray

The World's #1 DVD and Video Playback Software

- **Superior video & audio playback**
The best way to watch movies on your PC.
- View **standard DVDs at amazing HD resolution** with state-of-the-art upscaling and motion enhancement.
- **Unique laptop features** lets you watch movies wherever you are, and ensure you never miss the ending!
- **Plays popular formats**
Standard as well as high-definition formats like Blu-ray, HD DVD, AVCHD and HDV.

US\$99.99

Blu-ray/HD DVD playback

WinDVD 9 Plus Blu-ray plays high-definition Blu-ray and HD DVD discs!

- Play **commercial titles** with advanced navigation features
- Play **recordable media** such as HD DVD-R, BD-R and RE
- The first playback software to support new **BD BonusView**.



What's New

WinDVD® 9 Plus Blu-ray offers a cool new interface, with up-to-date DVD & video playback enhancements. Play Blu-ray & HD DVD discs, or enjoy new upscaling technology that makes DVDs look like HD. Enhancement filters improve low-resolution video, and there is support for new audio and video formats such as Dolby® Digital EX and AVCHD.

Stylish good looks

The sophisticated graphite interface blends seamlessly with your Windows® XP or Vista® desktop.

- **New graphite color** – Up-to-date and professional look.
- **New layout** – A clutter-free and easy-to-navigate interface.
- **New compact mode** – Minimize the screen to use less screen space.
- **Message Center** – Don't miss out on product updates, exclusive offers and fun tips and tricks!



Technology powerhouse

Maximize your viewing experience with state-of-the-art audio and video technologies.

- **Blu-ray & HD DVD Playback** – Enjoy the unrivalled viewing experience of high-definition discs.
- **Unique All2HD upscaling** – converts standard DVDs to crisp high-definition video with outstanding color and clarity.



- **Digital Natural Motion** – advanced motion-smoothing technology.

Enhance low-resolution video

Clean up digital artifacts from MPEG, H.264 and VC-1 video

- **De-snow filter** removes digital noise from low-resolution video.
- **De-block filter** removes blocky digital artifacts from compressed video.

More formats supported

Enjoy reliable playback of high-definition or standard-definition video recorded from HDTV, camcorder, or downloaded from the Web. Immerse yourself in today's top audio technologies.

- **H.264 Support** – Smoothly plays back the next-generation high-definition format for premium content and downloaded video.
- **AVCHD™** – Supports playback of video from AVCHD camcorders, either copied from the camcorder hard drive, on AVCHD disc, or memory card.

AVCHD



- **Dolby® Digital EX** – Enjoy 6.1 or 7.1-channel playback with appropriate hardware.
- **DTS™ surround audio** – Supports up to 6 channels of audio for titles with DTS™ surround sound.





Blu-ray Disc/HD DVD playback

WinDVD® 9 Plus Blu-ray plays back high-definition Blu-ray and HD DVD discs with stunning 1080p picture quality and next-generation Dolby® Digital Plus, Dolby® TrueHD and DTS-HD™ surround sound. BD-J, BonusView and HD DVD Advanced Navigation offer new and exciting ways to interact with content.

Compatibility

- **WinDVD® 9 Plus Blu-ray** fully supports both Blu-ray and HD DVD disc types.



- Play **commercial titles**, as well as **recordable media** such as HD DVD-R, BD-R and RE.
- Supports both **BD-J** and **HD DVD Advanced Navigation** technology to provide immersive features such as pop-up menus to select scenes or change audio tracks, without interrupting movie playback.
- It is the first software to support the new **BonusView** picture-in-picture features on Blu-ray Disc®.
- **Plays back HD-Rec (HD DVD on standard DVDs)** - HD DVD-format video can also be burned on a standard DVD disc. WinDVD reliably plays back such discs on standard DVD drives.
- Supports all Blu-ray and HD DVD video encoding formats, including **MPEG-4-AVC (H.264)**, **MPEG-2**, and **VC1**.
- Supports **HD audio formats** like Dolby® Digital Plus, and uncompressed Dolby® TrueHD and DTS-HD™ for Blu-ray and HD DVD commercial titles.

Interactivity

Support for BD-J & BonusView

Interact with advanced content such as games, additional tracks and advanced menu options for Blu-ray Discs.



Blu-ray BD-J overlay menu

Support for HD DVD Advanced Navigation

Provides interactive menus and special features for HD DVD, including links to online content, clips and images. Responds to user navigation input (remote buttons) as well as to events set to occur during playback of a movie.



HD DVD Advanced Navigation Menu



Version Comparisons

Comparing previous and current versions

WinDVD® 9 Version Comparisons	WinDVD® 9 Plus Blu-ray	WinDVD® 9 Plus	WinDVD® 9 Standard	WinDVD® 8 Platinum	WinDVD® 8 Gold
Key Features					
Blu-ray/HD DVD playback & navigation	✓				
BD-J/BonusView	✓				
HD DVD Advanced Navigation	✓				
All2HD Upscaling	✓	✓			
De-snow/De-block filters	✓	✓	✓		
AVCHD™ support	✓	✓			
96K/24bit audio decoding	✓	✓			
NVIDIA PureVideo	✓	✓			
ATI AVIVO	✓	✓			
Codec/File Format Support					
H.264	✓	✓			
VC1	✓	✓			
DivX® file playback	✓	✓	✓	✓	✓
WMV HD	✓	✓	✓	✓	
QuickTime®	✓	✓	✓	✓	✓
RealPlayer®	✓	✓	✓	✓	✓
Audio Features					
Dolby Digital® Plus	✓	✓			
Dolby® Digital EX	✓	✓		✓	
Dolby® TrueHD	✓				
Dolby® Pro Logic IIx	✓	✓		✓	
Dolby® Headphone	✓	✓	✓	✓	✓
Dolby® Virtual Speaker	✓	✓	✓	✓	✓
DTS™ HD	✓				
DTS™ NEO:6	✓				
SRS TruSurround® VT	✓	✓	✓	✓	✓
Video Features					
Progressive de-interlace	✓	✓	✓	✓	✓
SmartStretch	✓	✓	✓	✓	✓
Smooth reverse playback	✓	✓	✓	✓	✓
Other Features					
Quick Clip	✓	✓	✓	✓	✓
Power Saver	✓	✓	✓	✓	✓
Time Stretch	✓	✓	✓	✓	✓



Product Tour

Stylish new user interface

WinDVD® 9 Plus Blu-ray's new, sophisticated graphite design blends seamlessly with your Windows® XP or Window Vista® desktop. The interface is clutter-free and easy-to-navigate. Apart from the familiar playback controls, users can find advanced audio and video controls to easily personalize the playback experience.

Source
Open from Optical Drives
Open from File
Open from Folder
Open from UPnP

Audio
Playback Device
Audio Effects
DSP

Video
Color
Enhancement
All2HD
Time Stretch

Personalize
Zoom and Pan
Playlist
(VR) Bookmark
Capture Image / QuickClip

COREL WinDVD Plus

Source Audio Video Personalize

Time: 00:00:06/00:08:17
Title: 01/01 Chapter: 001/001
Aspect Ratio: 16x9
Resolution: 1440 x 1080
Video Type: MPEG 2
VBR Real Time: 25.00 Mbps
Video Bitrate: 25.00 Mbps

Display clip information by clicking the "I" button

Click on Compact Mode to see viewing area only

Enhance Audio
Playback Device Audio Effect DSP

Equalizer Custom

Fade Balance

Reset to Default

Audio Graphic Equalizer

Enhance Video
Color Enhancement All2HD TimeStretch

Camera Enhancement Refine
Vintage Negative Abstract
Up-sampling De-block
De-snow

SmartStretch
Center
Deinterlace
Width

Reset to Default

Video Filters and Enhancements

Playlist

Name	Length
Playlist 1	00:00:13
Playlist 2	00:00:36
Playlist 3	00:00:14
JAVACEDV.MPG	00:00:45
LITTLEBOYS.MPG	00:07:03
Movie_0.avi	00:03:09
PAW_videos.mpg	00:00:44
Showcase_DV_E_letterbox...	00:02:52
Slideshow.mpg	00:00:29
Source08training08V.avi	00:00:37
taps ad final.mpg	00:01:49
libred_intro.mpg	00:01:50
LULEAD.MPG	00:03:47
UVS 8 DEMO_MH.mpg	00:03:01
Source08training08V.avi	00:00:21
uvr071213_002.avi	01:05:55
uvr071213_003.mpg	00:05:31
uvr071213_003.mpg	00:07:02
UVS_MF3_1_ShowcaseM...	00:01:29
Movie_0_1.mpeg	00:02:09

Set up a custom playlist



Product Tour

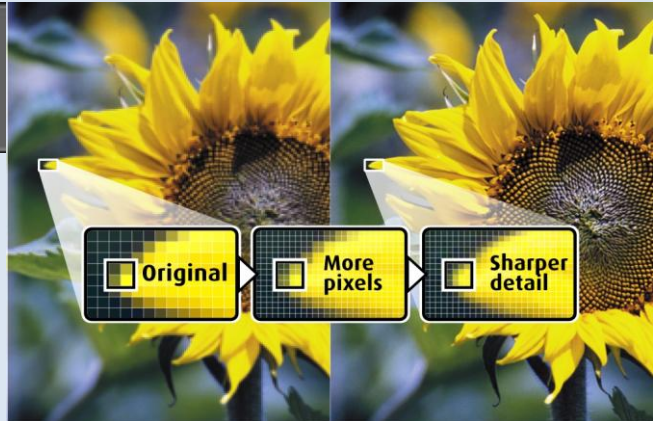
State-of-the-art upscaling & video enhancement

WinDVD® 9 Plus Blu-ray employs leading technologies to make standard DVDs look like HD, and to improve the look of low-resolution video.

Trimension™ ALL2HD upscaling



ALL2HD converts standard DVDs to crisp near-high-definition video with outstanding color and clarity. It works by auto-scaling intelligently, and tailoring playback to fit monitor resolution and refresh rate. Adjust sharpness for a better-than-original look.



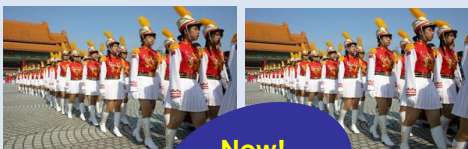
Try it for yourself!

Note: Be sure to turn off hardware acceleration in the Setup-Audio/Video Setup menu to enable All2HD.

Trimension™ Digital Natural Motion



Digital Natural Motion removes judder effect for smooth motion and crisp edges even on fast-moving objects. Choose from presets for the smoothest possible playback.



De-Block

De-Snow



Enhance low-resolution video

Clean up digital artifacts from MPEG, H.264 and VC1 video.

- **De-snow filter** removes digital noise from low-resolution video.
- **De-block filter** removes blocky digital artifacts from compressed video.



Product Tour

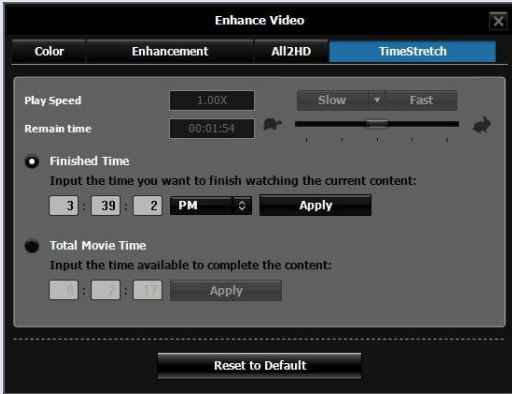
- Movies on the go
- Music to your ears
- Hardware graphics acceleration



Laptop-friendly features

WinDVD® 9 Plus Blu-ray offers custom controls for those who like to watch movies on the go.

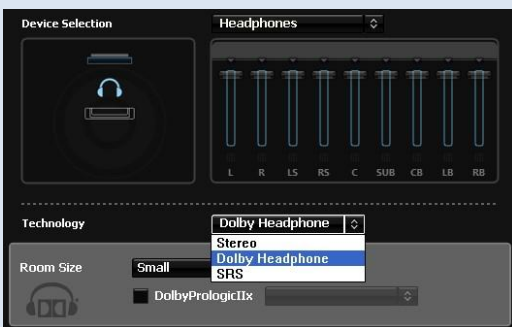
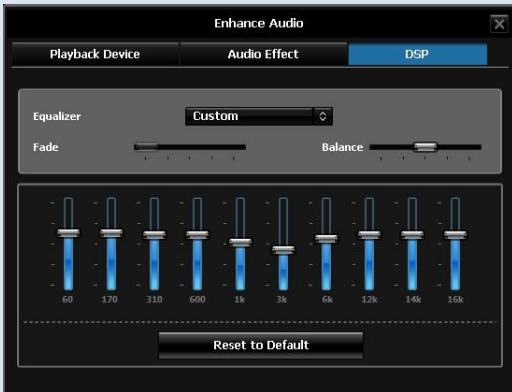
- **Smartstretch** lets users watch movies in standard or widescreen.
- Enjoy **Virtual Surround Sound** even when listening on headphones.
- **TimeStretch** enables the playback time to be adjusted without altering the audio pitch - so a movie can finish when you need it to!
- **Battery Optimization** makes sure your battery doesn't die before the villain does.



Top audio technologies

The Audio Center gives easy access to a robust assortment of high-end audio technologies:

- **Dolby Digital® Plus** – Next-generation HD sound support.
- **Dolby® TrueHD** – Audio encoded with lossless technology, supporting the Blu-ray/HD DVD maximum of 8 channels.
- **DTS-HD™** – DTS 7.1 surround audio for compatible Blu-ray/HD DVD discs.
- **Dolby® Pro Logic IIx** – Transforms 2-channel (stereo) audio to surround sound, or expands 5.1 sources up to 7.1 speaker systems. Choose Movie or Music modes.
- **Dolby® Virtual Speaker** – Creates a 5.1 surround sound environment on two speakers.
- **SRS audio technologies** – Selectively enhance movie dialog or music, or create a virtual surround effect on two speakers with TruSurround®.
- **96 kHz/24-bit audio decoding** – Play back audiophile-quality audio.



Hardware graphics acceleration

WinDVD 9 Plus Blu-ray supports graphics devices with ATI AVIVO™ HD and NVIDIA PureVideo® HD hardware-enhanced video playback.

- Enjoy **sharper, more vibrant** video images.
- **Minimize CPU utilization** and power consumption.



Personalize playback & enjoy HD home movies

Personalized playback

- **Pan & Zoom** – Click and drag to zoom in and pan across any part of the screen to get a closer look.
- **Playlists** – Create personal playlists with audio tracks or video files from DVDs, VCDs, SVCDs and CDs.
- **Bookmark** favorite spots and save them as a file (.bmk) for later, or send to a friend.
- **Instant Replay** – Ctrl-B lets you jump back to the line you missed, or catch that action sequence again!
- **Smooth Reverse Playback** – Play movies in reverse without frame drops.
- **The Boss Key (F12)** instantly clears the desktop and pauses your movie. To resume, simply double-click on the small WinDVD® 9 icon in the system tray!



Capture Image/QuickClip

The new capture controls make it even easier to grab a favorite movie scene as a still picture or animated clip that users can easily share with friends via email or mobile phone.



Capture QuickClips

UPnP™ client

Plays back content from other UPnP-certified devices within a network, with enhanced thumbnail views of available clips!



AVCHD and HDV playback

Today's high-definition camcorders let you record your personal memories in stunning clarity. WinDVD® 9 Plus Blu-ray lets you see them at full resolution!

- **AVCHD** – Conveniently supports playback of video from AVCHD camcorders, either copied from the camcorder hard drive, on AVCHD disc, or memory card.
- **HDV Video** – Play HD video captured from HDV camcorders.
- **Blu-ray Camcorders** – Play HD video from the latest Hitachi Blu-ray camcorders



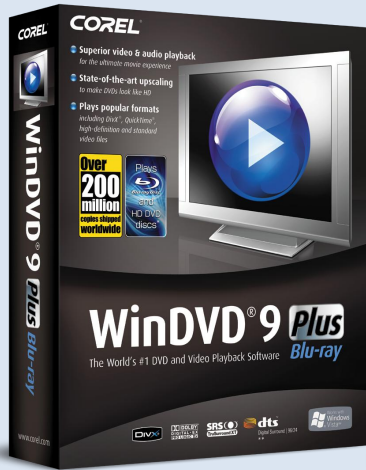
AVCHD



Summary

WinDVD® 9 Plus Blu-ray

The best way to watch movies on your PC!



US\$99.99

Corel® WinDVD® 9 Plus Blu-ray

WinDVD® 9 Plus Blu-ray offers high quality playback of commercial and personal Blu-ray and HD DVD movies, video files and DVDs, and introduces cutting-edge video upscaling and enhancements.

\$99.99 SRP in US and Canada

Upgrades from WinDVD 6, 7 and 8 to WinDVD 9 Plus Blu-ray will be available via download at \$59.99 SRP.



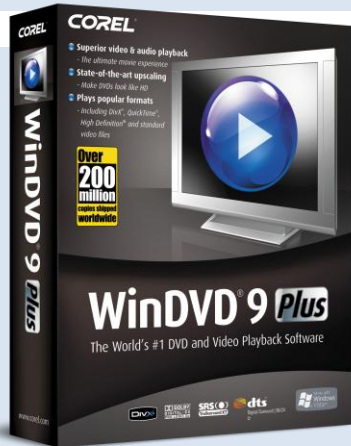
User Benefits Recap

- **Blu-ray Disc/HD DVD Playback.**
- **State-of-the-art upscaling** – View standard DVDs at amazing HD resolution with motion enhancement.
- **Plays popular formats** – Standard-definition and high-definition video such as AVCHD and HDV.
- **Unique laptop features** – Watch movies wherever you are, and ensure you never miss the ending.
- **Superior video and audio playback** – The best way to watch movies on your PC.



WinDVD 9 Family

WinDVD® 9 is available in three editions to let consumers choose the range of features they need, at different price points. (For the differences between WinDVD® 9, WinDVD® 9 Plus, and WinDVD® 9 Plus Blu-ray, see the comparison chart on p7)



US\$79.99

Corel® WinDVD® 9 Plus

The World's #1 DVD and Video Playback Software

With over **200 million users worldwide**, WinDVD® 9 Plus offers high-quality playback of video files and discs, and introduces cutting-edge video upscaling and enhancements.

- **Superior video & audio playback** – The best way to watch movies on your PC.
- **All2HD upscaling** – View standard DVDs at amazing HD resolution with state-of-the-art upscaling and motion enhancement.
- **Unique laptop features** – Watch movies wherever you are, and ensure you never miss the ending!
- **Plays popular formats** – Standard as well as high-definition formats like AVCHD and HDV.

Corel® WinDVD® 9 (Standard Version)

WinDVD® 9 is the world's leading DVD and video playback software delivering superior audio and video quality in a stylish and easy-to-use application. With broad format support, state-of-the-art quality enhancement technologies and unique features for watching movies on the go, WinDVD® 9 sets the standard for affordable entertainment on your laptop or desktop PC.



US\$49.99

UPGRADE to Blu-ray



Upgrade **WinDVD® 9** and **WinDVD® 9 Plus** to high-definition disc playback! Visit www.corel.com and purchase your instant activation key. You'll be watching the latest blockbusters, in HD, in no time! Also plays HD DVDs.

Upgrade from WinDVD 9 Plus: **US\$ 29.99**
 Upgrade from WinDVD 9: **US\$ 59.99**



System Requirements

WinDVD® 9 Plus System Requirements and Format Support

- **OS:** Windows® XP SP2, Windows Vista®
- **Processor:** Minimum CPU:
Windows® XP: Intel® Pentium® III 800 MHz or equivalent AMD Athlon® processor
Windows Vista®: Intel® Pentium® 4 1.0GHz or equivalent AMD Athlon® processor
- **Recommended CPU:** Intel® Pentium® 4 2.8 GHz or equivalent AMD Athlon®, or above
- **RAM:** 256 MB system memory or above (512 MB recommended)
- **Disc space:** 200 MB of hard-disk space for program installation.
- 4:3 or 16:9 (widescreen) monitor
- **Graphics Card:** AGP or PCI-Express graphics card/accelerator with DirectDraw™ overlay support
- Windows®-compatible sound card and stereo speakers (PCI or on-board audio card)
- **Optical Drive:** DVD-ROM, DVD-ROM/CD-RW combo, DVD-R/RW, DVD+RW or DVD-RAM drive

Supported Formats

- **Disc:** DVD-Video, VCD, SVCD, Mini DVD (DVD on CD), WMV HD, Audio CD, AVCHD™ disc
- **Video:** H.264, MPEG-1, 2, 3GPP/3GPP2, DivX®, Windows Media®, AVI, RealPlayer®, QuickTime®, HDV, MPEG-2 HD, AVCHD™
- **Audio:** Dolby Digital®, MP3, AAC, MPA, M2A, WAV, WMA, DTS™, LPCM

Additional Blu-ray/HD DVD Playback Requirements

- **Processor:** Intel® Core™ Duo T2400 1.83 GHz or above, AMD Athlon™ 64 X2 3800+ 2.0 GHz or above
- **RAM:** 512MB
- **Graphics Card:** NVIDIA GeForce® 7600 or above, ATI Radeon® X1600 or above
- **VGA Chipset:** Ensure VGA chipset supports hardware acceleration, with updated drivers installed.
- **VGA VRAM:** 128MB
- **Optical Drive:** Blu-ray optical drive for Blu-ray titles or HD DVD drive for HD DVD. Standard DVD optical drives can play back HD-REC (HD DVD video burned on a standard DVD) as well as AVCHD discs.
- **Display Device:** If you are using a DVI (Digital Visual Interface) or HDMI (High-definition Multimedia Interface) connection to a digital output, please make sure your display device is HDCP (High-bandwidth Digital Content Protection) compatible and your VGA supports HDCP.

Supported Formats

- **Disc:** Commercial HD DVD & Blu-ray discs, HD DVD-R, BD-R and RE, HD-REC
- **Video:** MPEG-4-AVC (H.264), MPEG-2 HD, and VC1
- **Audio:** Dolby Digital® Plus, Dolby® TrueHD and DTS-HD™

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WinDVD® 9 Plus Blu-ray
Reviewer's Guide

Page 14

