

# HP hd100 External HD DVD-ROM Drive

High-speed external drive with HD DVD-ROM, DVD±R/±RW and ±R double-layer read capability



HP's external HD DVD-ROM drive lets you enjoy your favorite HD DVD movies available today on your PC and experience the full power of high-definition movie playback. HD DVD provides spectacular high definition pictures with six times better resolution than standard DVD and extraordinary sound.

HD DVD technology enables the use of new and exciting advanced interactivity features. Examples include the ability access to broadband Internet even while a movie is playing or while watching your movie, bookmark your current location -- it's saved even after your disc is ejected. Possible interactivity features include the ability to chat online, click on a product and be linked to a website where you can buy it, view live broadcasts or play games that are seamlessly integrated into the movie.<sup>1</sup>



## Entertain

- Now you can play HD DVD movies on your PC and experience the full power of digital video. Enjoy movie extras and more.
- Extraordinary sound (HD DVD feeds three-times more soundtrack information to your system than standard DVD).
- Spectacular high-definition picture

## Enjoy

- Experience the next generation of high-definition technology today – as well as your regular DVDs and CDs.
- More extras than you have ever experienced before.
- Presentation settings.
- Bookmarking of favorite scenes for later viewing.

## Connect

- Easy to install. Connects to your PC or notebook with a USB 2.0 connection.

<sup>1</sup>While these features are possible through the HD DVD specification, initial HD DVD movies may not implement such interactivity features.

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## Key Specifications

### Drive Performance

- **Read speed:**  
HD DVD-ROM up to 2.4X (CLV); DVD up to 5X (CAV);  
CD up to 14x (CAV)
- **Sustained transfer:**  
1x CD = 150KB/s (data mode 1); 1X DVD = 1350 KB/s;  
1X HD DVD = 4560 KB/s
- **Burst transfer rate:** 33 MB/s max
- **Access time:** DVD 160 ms; CD 160 ms (typical)
- **Mean time between failures (MTBF):** 70,000 POH at 25% duty cycle in room temp

### Environment

- Operating temperature: 5° to 50° C (41° to 122° F)
- Storage temperature: -10° to 60° C (-14° to 140° F)
- Operating humidity: 8%~80% RH (Non-condensing)
- Storage humidity: 5%~95% RH (Non-condensing)
- Power requirement: +5V±8%; +12V±8%

### Compatibility

- Device read media compatibility: HD DVD-ROM, DVD-ROM, DVD+R, DVD+R DL, DVD+RW, DVD-R, DVD-R DL, DVD-RW, DVD-Video, CD-R, CD-RW, CD-DA, CD Extra, CD-ROM (Mode 1 - Yellow Book), CD-ROM/XA & CD-I Ready (Mode 2/Form 2 - Green Book), VCD, CD-Text

### Warranty

- 1-year limited hardware and software warranty from date of purchase

**Note:** To verify that your system meets the system requirements, download the BD/HD Advisor utility from <http://www.hp.com/support/HDSupport>, and select the option to "Scan for HD DVD Support". If your system does not meet these requirements, the utility should identify any deficiencies and provide troubleshooting options.

**Note:** As HD DVD is a new format containing new technologies, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems even if the above requirements are met is not guaranteed. For additional information, please visit <http://www.hp.com/support/HDSupport>.

Some future HD DVD movie titles may require your display to support HDCP enabled DVI-D or HDMI connection only, and may not be viewed on an analog display. For more information, please see enclosed documentation or additional information at <http://www.hp.com/support/HDSupport>.

**Blu-ray discs cannot be read with this drive.**

### System Requirements

#### Recommended system requirements

- PC Connection: USB 2.0 required
- RAM: 1 GB
- Processor: Performance equivalent to or greater than processors listed below. (Note: Lower performance levels than those specified will increase the chance of playback problems with HD DVD movie discs.)

Intel	AMD
Pentium EE 840 (3.2 G), 955 (3.4 G)	
Pentium D 9xx series - 945 (3.4G), 950 (3.4G), 960 (3.6G)	AMD Athlon 64 X2 - 4200+ (2.2G), 4400+ (2.2G), 4600+ (2.4G), 4800+ (2.4G), 5000+ (2.6G)
Core Duo - T2500 (2G), T2600 (2.16G), T2700 (2.33G)	AMD Athlon 64 FX - FX-60 (2.6G), FX-62 (2.8G)
Core 2 Duo - E6300 (1.8G), E6400(2.13G), E6600(2.4G), E6700(2.66G), X6800 (2.93G)	AMD Turion 64 X2 - TL-60 (2.0G)

- Graphics card: PCI Express graphics card with at least 256 MB RAM, with performance equivalent to or greater than cards listed below.

NVIDIA	ATI
GeForce 7600 GT	X1600 series
GeForce 7800 GTX 512	X1800 series
GeForce 7900 GX2/GTX	X1900 series
GeForce 7950 GX2	

- Graphics card and Monitor must be HDCP compliant to enable high definition digital display.
- Graphics card driver: Current driver with full support for HD DVD movie playback. Contact your graphics card supplier to obtain the most current driver. For NVIDIA graphics drivers, look for the "PureVideo HD compliant" notice.
- Operating System: Windows XP SP2 or higher.
- Broadband Internet connection may be required under certain situations.

## Contents

### Box contents

- External HD DVD-ROM drive
- USB 2.0 cable
- Power supply
- Quick-Start poster
- Getting Help guide
- Getting Started
- Software CD, including electronic user's guide

### Software included

- CyberLink PowerDVD HD DVD Edition

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