



12X External Blu-ray Disc/DVD/CD Writer

bd335e

In today's growing market for high definition content, the HP bd335e 12X BD/DVD/CD Writer drive is the ideal solution for Blu-ray Disc (BD) authoring. It lets you enjoy the exceptional picture and sound quality of high-definition Blu-ray movies. The HP bd335e not only lets you write or playback high-definition BD content, but also lets preserve, edit, back up, and share video, photos, and data.

The HP bd335e comes bundled with the award winning CyberLink BD Solution (CBDS) software suite that delivers the best functionality for recording and playback. Also, CBDS incorporates features allowing high-definition 3D playback of Blu-ray 3D movies, or 2D Blu-ray and DVD movies with simulated 3D.

The HP bd335e is capable of recording on today's most popular BD, DVD and CD media. It writes BD-R at up to 12X speed, BD-R DL at 8X, BD-RE SL/DL at 2X, and reads BD at 8X; it can also record DVD±R at 16X, DVD±R DL at 8X, DVD±RW at 8X and DVD-RAM at 12X.



Entertain

- Enjoy your favorite Blu-Ray and DVD movies on your PC
- Experience 3D effects, exceptional picture quality and extraordinary digital sound
- Enjoy bonus features of Blu-ray and DVD movies
- Create your own Blu-ray Disc from your high definition footage

Technology

- Blu-ray technology delivers high definition content and large storage capacity
- Play back high-definition video
- Archive up to 50GB of data on a double layer BD media
- USB3.0* connection delivers great performance and flexibility

Versatile

- USB3.0 connection is backwards compatible with any USB 2.0 PC system
- Capable of writing BD-R SL/DL, BD-RE SL/DL, DVD±R, DVD±R DL, DVD±RW, DVD-RAM, and CD-R/RW media
- Record video onto BD or DVD with your PC and play it back in your living room
- Back up critical files on BD, DVD, CD media

Software Suite

- Includes a comprehensive CyberLink BD Solution with 3D playback technology.
- CyberLink's TrueTheater® HD gives standard definition DVD movies the look and feel of high-definition via resolution upscaling
- Watch 2D video in 3D with Cyberlink's TrueTheater® 3D

* USB 3.0 is required to reach maximum read/write speed on BD media



12X External Blu-ray Disc, DVD / CD Writer

SPECIFICATIONS

Drive performance

- Write speed: BD-R SL up to 12X; BD-R DL up to 8X; BD-RE SL/DL up to 2X; DVD+R up to 16X (CAV); DVD+RW up to 8X (ZCLV); DVD-R up to 16X(CAV); DVD-RW up to 6X (ZCLV); DVD+R Double Layer up to 8X (ZCLV); DVD-R Dual Layer up to 8X (ZCLV); DVD-RAM up to 12X (PCAV); CD-R up to 48x (CAV); CD-RW up to 24x (ZCLV)
- Read speed:
 - BD SL up to 8X (CAV); BD DL up to 6X (CAV); DVD-ROM up to 16X (CAV); CD-ROM up to 48x (CAV)
- Sustained transfer: 1x CD = 150KB/s (data mode 1); 1X DVD = 1350 KB/s; 1 X BD = 4500 KB/s
- Access time: BD 250 ms; DVD 150 ms; CD 150 ms (typical)
- Mean time between failures (MTBF): 60,000 POH at 25% duty cycle in room temperature

System Requirements

- Minimum system requirements:
 - 3.0 GHz Intel Pentium-D processor or equivalent or higher
 - 1 GB RAM or higher
 - HDCP capable graphic card with minimum 256 MB RAM, and support for 1900x1200 resolution, and 32-bit color
 - HDCP capable monitor or TV for high-definition digital output
 - Minimum hard disk space requirements: 1 GB free for included software installation, 10 GB free for DVD video disc creation (18 GB free for double-layer), and 60 GB free for BD video creation
 - Internet connectivity recommended for software updates
 - Operating system compatibility: Microsoft Windows[®] 7 or Vista (32 bit or 64 bit) or Windows XP SP3
 - Available USB3.0 port (works with USB2.0, but BD read/write speed will be limited by USB2.0 throughput)
- *** For 3D content playback: Windows[®] 7 OS, 3D supported display devices and viewing glasses are required

Compatibility

- Device write media compatibility: BD-R SL/DL, BD-RE SL/DL, CD-R, CD-RW, DVD+R, DVD+R DL, DVD+RW, DVD-R, DVD-R DL, DVD-RW, 4.7 GB single-sided/9.4 GB double-sided DVD-RAM (2.6 GB single-sided/5.2 GB double-sided media not supported) media
- Device read media compatibility: BD-R/RE SL/DL, BD-ROM SL/DL, DVD-ROM, DVD+R, DVD+R DL, DVD+RW, DVD-R, DVD-R DL, DVD-RW, DVD-RAM, 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), Photo-CD (single and multi-session), VCD, CD-Text

Environment

- Operating temperature: 5° to 50° C (41° to 95° F)
- Storage temperature: -40° to 65° C (-40° to 149° F)
- Operating humidity: 15% ~ 80% RH (Non-condensing)
- Storage humidity: 15% ~ 90% RH (Non-condensing)
- Power requirements: +5V+/-5%; +12V+/-10%

Warranty

- 1-year limited hardware warranty from date of purchase.

Contents

- Box Contents:
 - External Blu-ray Disc, DVD/CD Writer drive
 - Software CD, including electronic user's guide
 - Quick-Start placemat and warranty statement
 - USB3.0 cable
 - AC power adapter

Software included

- Cyberlink BD Solution
 - PowerDVD for video playback with 3D support
 - Power2Go for data disc creation
 - PowerDirector for multimedia disc creation
 - PowerProducer for multimedia content creation
 - PowerBackup: PC system backup utility
 - LabelPrint: label design utility

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Questions about the HP bd335e BD Writer?

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