



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

## bd340i

The HP bd340i 12X BD/DVD/CD Writer offers the ideal solution for authoring or playback of content stored on Blu-ray Disc. It lets you enjoy exceptional picture and sound quality that comes with high-definition Blu-ray movies. The HP bd340i not only lets you write or play back high-definition content on Blu-ray media, but you can also preserve, edit, back up, and share video, photos, and data.

The HP bd340i is capable of recording on today's most popular BD, DVD and CD formats. It writes BD-R at up to 12X, BD-R/RE at 2X, and reads BD media at 8X; it can also record DVD±R at 16X, DVD±R DL at 8X, rewritable DVDs at 8X and DVD-RAM at 2X.

The HP bd340i features LightScribe technology which allows you to create beautiful labels on LightScribe CD or DVD discs. It also incorporates the latest Serial ATA (SATA) interface to provide fast transfer rates.



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### Entertain

- Experience exceptional picture quality & extraordinary digital sound
- Enjoy bonus features of Blu-ray Disc movies
- Enjoy your favorite Blu-ray and DVD movies on your PC
- Create your own Blu-ray Disc from your high definition video content

### Technology

- Blu-ray technology delivers high definition content and large storage capacity
- Play back high-resolution HD video
- Archive up to 50GB of data on double layer BD media
- Built-in SATA interface delivers great performance and flexibility
- Burn labels directly to CD or DVD discs with LightScribe technology

### Versatile

- Capable of writing Blu-ray discs, DVD±R, DVD±R DL, DVD±RW, DVD-RAM, and CD-R/RW discs
- Record video onto BD or DVD with your PC, and play it back in your living room
- Record and back up critical files on BD, DVD, CD discs

### Software Suite

- Comprehensive CyberLink BD Suite
  - Includes TrueTheater™ HD (TTHD) technology which up-scales resolution from 480 pixels to 1080 pixels giving standard definition DVD images the look and feel of true high-definition. TrueTheater™ HD makes it easy for you to enjoy truly enhanced video
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## 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)
- LightScribe labeling approximate times:

Setting	Title only	Title & content	Full label (w/graphics)
Best	<4 min.	<9 min.	<36 min.
Normal	<3 min.	<7 min.	<28 min.
Draft	<2 min.	<4 min.	<20 min.

- 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 SP2
  - Available SATA port, and SATA power cable

### 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
- Lightscribe printing media compatibility: LightScribe CD-R, LightScribe DVD+R, LightScribe DVD-R, .

### 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
- Internal SATA Blu-ray Disc , DVD/CD Writer drive with LightScribe direct disc labeling
  - Software CD, including electronic user's guide
  - Quick-Start placemat and warranty statement
  - SATA data cable
  - Installation screws

### Software include

- Cyberlink BD Solution with TTHD feature

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