

HP dvd740i DVD Writer

Datasheet

Internal DVD±R/±RW drive with double-layer recording capability and LightScribe direct disc labeling



HP's latest internal DVD writer with double-layer recording capability and LightScribe direct disc labeling lets you preserve, edit and share up to 8.5 GB on one double-layer DVD and burn customized labels directly to LightScribe discs. It records DVD+R DL at up to 8X, DVD-R DL at up to 4X and single-layer DVD±R at up to 16X.

LightScribe is the innovative new disc-labeling system that gives CDs and DVDs a neat, professional look without ink, pens, or paper labels. With LightScribe, you simply burn your data, flip the disc over, and burn a precise, silkscreen-like label directly onto your LightScribe CD or DVD.



Now with LightScribe

- LightScribe is easy: just burn your CD or DVD, then flip the disc over and burn a label.¹
- LightScribe can't peel off, get stuck, or cause disc damage the way paper labels can.
- Use text, photos, and even pre-set designs, for beautiful results.
- No pens, no ink, no printer, and no sticky labels.

Excellent storage capacity

- Double-layer recording lets you store up to 8.5 GB of data, video, music, and more on one double-layer disc.² That's almost twice as much as single-layer DVDs hold.
- More photos, more video. Easily archive your family pictures and home videos on high-capacity digital media.

Creative and fun

- Full software suite included—edit video, organize photos, create slideshows, back up music and data, create personalized label designs, and more.
- Surprise your family and friends with slideshows and home movies, digitally preserved on DVD or CD, beautifully labeled with your own personal touch, and ready for playback.

Compatible and versatile

- Excellent playback compatibility on DVD drives and players.
- Dual-format drive writes to DVD±R DL, DVD±R/±RW as well as CD-R/RW.
- Record hours of video onto DVD with your PC, then play it back in your living room.

¹LightScribe labeling requires LightScribe supported media.

²Also compatible with single-layer DVDs. Storing 8.5 GB on one DVD requires double-layer media, sold separately.



Key Specifications

Drive Performance

- **Write speed:**
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 4X (CLV); CD-R up to 40x (CAV); CD-RW up to 32x (ZCAV)

- **Read Speed:**
DVD-ROM up to 16X (CAV); CD-ROM up to 40x (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 = 150 KB/s (data mode 1); 1X DVD = 1350 KB/s
- **Burst transfer rate:** 33 MB/s max
- **Access time:** DVD-ROM (SL) 160 ms; DVD-ROM (DL) 175 ms; CD-ROM 160 ms (typical)
- **Disc finalization time:** DVD <2 minutes of 4X (DVD+R single-layer disc); CD: <1 minute typical
- **Mean time between failures (MTBF):** 70,000 POH at 25% duty cycle in room temp

System Requirements

- Minimum system requirements: 800 MHz Intel® Pentium® III processor or equivalent, 2.2 GHz Intel® Pentium® IV processor or equivalent recommended (Actual drive performance depends on PC configuration)
- 128 MB RAM (256 MB RAM recommended for video editing)
- 1024 x 768 video resolution with a minimum of 16-bit color required for DVD authoring and editing
- Video capture: IEEE 1394 interface or analog video capture device required
- 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). Internet connectivity recommended for software updates
- Operating system compatibility: Microsoft Windows XP/2000 Professional SP4

Compatibility

- Device write media compatibility: CD-R, CD-RW, DVD+R, DVD+R DL, DVD+RW, DVD-R, DVD-R DL, DVD-RW, LightScribe CD-R, LightScribe DVD+R media
- Device read media compatibility: 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), Photo-CD (single and multi-session), VCD, CD-Text

Environment

- Operating temperature: 5° to 45° C (41° to 113° F)
- Storage temperature: -30° to 60° C (-22° to 140° F)
- Operating humidity: 10%~80% RH
- Storage humidity: 10%~90% RH
- Power requirement: 12V±5%; 12V±10%

Warranty

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

Contents

Box contents

- Internal dvd740i DVD Writer with double-layer recording and LightScribe direct disc labeling
- Software CD including electronic user's guide
- Quick-Start placemat
- Getting Help guide
- Installation screws

Software included

- Nero Software Suite (for DVD authoring, writing, editing and backup)
- SureThing (for LightScribe labeling)
- CyberLink® PowerDVD™ (for DVD playback)

Optional Accessories

CD and DVD recordable media

For best results, use HP DVD and CD recordable & rewritable discs, including double-layer DVDs and LightScribe discs, available from your local vendor.

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