

HP dvd1040e 20X Multiformat DVD Writer

High-speed external drive with DVD±R/±RW and DVD-RAM read/write, ±R double-layer capability, and LightScribe direct disc labeling



HP's multiformat drive offers high speeds and double-layer recording,¹ and it's LightScribe Version 1.2-ready for high-contrast LightScribe labeling.² It lets users easily preserve, edit and share up to 8.5 GB of video, photos, and multimedia presentations on one double-layer disc – and quickly store, back up and transport files on DVDs and CDs. The dvd1040e records double-layer DVDs at up to 8X, recordable DVDs at up to 20X, rewritable DVDs at up to 8X, and DVD-RAM at up to 12X.

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.



Compatible and versatile

- Record to all major formats on one drive: ±R/±RW, DVD-RAM, CD-R/RW, and LightScribe.
- Enjoy excellent playback compatibility on DVD drives and players.
- Record hours of video onto DVD with your PC, then play it back in your living room.
- Record and back up critical files on DVD-RAM.

The hottest technologies

- Get the latest optical storage features in the HP dvd1040e.
- Burn discs at high speeds.
- Record to single- or double-layer DVDs, and now to DVD-RAM.
- Burn labels directly to disc with the latest LightScribe technology.²

LightScribe direct disc labeling

- LightScribe is artistic: Create beautiful labels and burn them directly to your LightScribe discs.
- LightScribe is easy: Just burn your CD or DVD, then flip the disc over and burn a label.
- LightScribe can't peel off, get stuck, or cause disc damage the way paper labels can.
- LightScribe direct disc labeling means no pens, no ink, no printer and no sticky labels.

Creative, fun and robust

- 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.
- Rely on HP's comprehensive testing standards for high compatibility and quality results.

⁽¹⁾Storing 8.5 GB on one DVD requires double-layer media, sold separately. Also compatible with single-layer DVDs.

⁽²⁾LightScribe labeling requires LightScribe media.



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Key Specifications

Drive Performance

- **Write speed:**
DVD+R up to 20X (CAV); DVD+RW up to 8X (ZCLV); DVD-R up to 20X (CAV); DVD-RW up to 6X (ZCLV); DVD+R Double Layer up to 8X (ZCLV); DVD-R Dual Layer up to 8X (CLV); DVD-RAM up to 12X (PCAV); CD-R up to 48x (CAV); CD-RW up to 32x (ZCAV)
- **Read speed:**
DVD-ROM up to 16X (CAV); CD-ROM up to 48x (CAV)
- **LightScribe labeling approximate times:**(based on version 1.2 media)

| 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
- **Access time:** DVD 160 ms; CD 160 ms (typical)
- **Disc finalization time:** DVD <2 minutes at 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

Environment

- Operating temperature: 5° to 35° C (41° to 95° F)
- Storage temperature: -40° to 65° C (-40° to 140° F)
- Operating humidity: 15%~80% RH (Non-condensing)
- Storage humidity: 15%~95% RH (Non-condensing)
- Power requirement: +5V±5%; +12V±10%

System Requirements

- 1.6 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
- USB 2.0 interface and available port on PC
- 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
- 20X maximum DVD writing can only be achieved with specific PC configurations and true 20X blank media

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, LightScribe DVD-R, 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)
- Device read media compatibility: DVD-ROM, DVD+R, DVD+R DL, DVD+RW, DVD-R, DVD-R DL, DVD-RW, DVD-Video, 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), 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

Contents

Box contents

- External DVD±R/±RW drive with DVD±R up to 20X, double-layer recording, DVD-RAM, and LightScribe direct disc labeling
- Software CD including electronic user's guide
- Quick-Start placemat
- Getting Help guide
- USB 2.0 cable
- Power supply

Software included

- Nero™ 7 Essential

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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Questions about the HP dvd1040e Multiformat DVD Writer?
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