HP dvd1170e External Multiformat DVD Writer

22X external USB drive with DVD±R/±RW and DVD-RAM read/write, DVD±R double-layer capability, and LightScribe direct disc labeling.

HP’s USB External drive offers high speeds and double-layer recording, and it’s LightScribe Version 1.2-ready for high-contrast LightScribe labeling. 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 dvd1170e records double-layer DVDs at up to 8X, recordable DVDs up to 22X, rewritable DVDs at up to 8X, and DVD-RAM at up to 12X.

Compatible and Versatile
- Record to all major formats on one drive: DVD±R/±RW, DVD±R DL, 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.
- USB2.0 interface allows flexibility of using the drive on different PCs

The Latest Technologies
- Great compatibility with USB2.0 interface
- Get the latest optical storage features in the HP dvd1170e.
- Burn discs at high speeds, up to 22X for DVD±R
- Record to single- or double-layer DVDs, and now to DVD-RAM.
- Burn labels directly to disc with the latest LightScribe technology.

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, 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.
**Drive performance**
- Write speed: DVD+R up to 22X (CAV); DVD+RW up to 8X (ZCLV);
  DVD-R up to 22X (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 32X (ZCLV)
- Read speed: DVD-ROM up to 16X (CAV); CD-ROM up to 48X (CAV)
- LightScribe labeling approximate times:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Title only</th>
<th>Title &amp; content</th>
<th>Full label (w/graphics)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Best</td>
<td>&lt;4 min.</td>
<td>&lt;9 min.</td>
<td>&lt;36 min.</td>
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<tr>
<td>Normal</td>
<td>&lt;3 min.</td>
<td>&lt;7 min.</td>
<td>&lt;28 min.</td>
</tr>
<tr>
<td>Draft</td>
<td>&lt;2 min.</td>
<td>&lt;4 min.</td>
<td>&lt;20 min.</td>
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- Sustained transfer: 1x CD = 150KB/s (data mode 1); 1X DVD = 1350 KB/s
- Access time: DVD 130 ms; CD 130 ms (typical)
- Mean time between failures (MTBF): 70,000 POH at 25% duty cycle in room temp

**System Requirements**
- Minimum system requirements:
  1.3 GHz 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 2000 Professional SP4 / XP / Vista (32 bit or 64 bit) or later
  Available USB 2.0 port.

**Compatibility**

**Environment**
- Operating temperature: 5° to 50° C (41° to 122° F)
- Storage temperature: -40° to 65° C (-40° to 149° F)
- Operating humidity: 15% – 80% RH (Non-condensing)
- Storage humidity: 15% – 95% RH (Non-condensing)
- Power requirements: +5V+/-5%; +12V+/-10%

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

**Contents**
- Box contents
  - External USB DVD±R/±RW drive with DVD±R up to 22X, and LightScribe direct disc labeling
  - Software CD, including electronic user’s guide
  - Quick-Start placemat, and warranty statement
  - USB Cable
  - Power Adapter
  - Vertical Stand
  - Nero 8 Essentials

**Questions about the HP dvd1170e DVDWriter?**
Look us up online at http://www.hp.com