HP dvd1040i 20X Multiformat DVD Writer
High-speed internal 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 dvd1040i 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.

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 latest technologies
• Get the latest optical storage features in the HP dvd1040i.
• 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, 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.
• Experience high compatibility and quality results.

¹Storing 8.5 GB on one DVD requires double-layer media, sold separately. Also compatible with single-layer DVDs.
²LightScribe 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)
<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>
</tr>
<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>
</tr>
</tbody>
</table>
- **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 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 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**
- **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
- **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)
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### Compatibility

### Contents

**Box contents**
- Internal 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
- Installation screws

**Software included**
- Nero™ 7 Essentials

**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 dvd1040i Multiformat DVD Writer?**
Look us up online at [http://www.hp.com](http://www.hp.com)