HP dvd1070 20X SATA 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, 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 dvd1070 records double-layer DVDs at up to 8X, recordable DVDs 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, CDR/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
- Higher transfer rates with SATA interface.
- Get the latest optical storage features in the HP dvd1070.
- 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.

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 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 (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>
</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>
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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: 800 MHz Intel® Pentium® III processor or equivalent,
  1.6 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 Vista/XP SP2/2000 Professional SP4

Compatibility

  [2.6 GB single-sided/5.2 GB double-sided media not supported] media
  CD-I Ready (Mode 2/Form 2 – Green Book), Photo-CD [single and multi-session], VCD, CD-Text

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 and software warranty from date of purchase.

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
- SATA DATA Cable
- Installation screws

Software include

- Nero 7 Essentials

Questions about the HP dvd1070i DVDWriter?
Look us up online at http://www.hp.com