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, 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

- 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:

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 = 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

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