



hp dvd writer
dvd300e

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HP's DVD writer dvd300e stores up to 4.7 Gbytes of data, video, photos, and music on DVD+RW or DVD+R discs. DVD+R discs offer maximum compatibility with DVD-ROM drives and DVD players.

Personal video camcorder users who want to edit and preserve their video memories on DVD and customers who prefer an external drive for ease of installation, mobile computer use or the need to share the drive.

This versatile drive reads and writes DVDs and CDs and includes buffer under-run protection. Using the PC's existing video capture capabilities, transfer precious video memories from a camcorder or VCR to long-lasting DVD discs. Quickly store, backup and transport large data files on DVD or CD.

share: create original DVDs

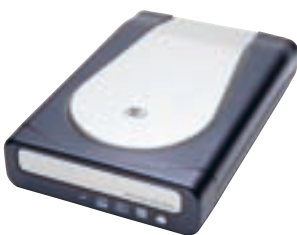
- create original DVDs using DVD+RW rewritable and DVD+R write-once discs and view them using most DVD players and DVD-ROM drives.

easy to install

- easy: quickly installs using IEEE 1394 or USB 2.0 interface

save to DVD: record up to 4.7 GB of original video, photo, data and music files

- record up to three hours of video, or store thousands of original photos, hundreds of MP3 music files and data files- up to 4.7 GB- on one DVD+RW or DVD+R disc.



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technical specifications

| | |
|---|---|
| performance | DVD 4x write, 2.4x re-write, 8x read; CD 16x write, 10x re-write, 40x read |
| interface | USB 2.0 and 1394 |
| localization | English, French, Italian, German, Spanish, Dutch, Brazilian Portuguese, Traditional Chinese, Simplified Chinese, Korean, Swedish |
| loading mechanism | tray loader |
| logical recording format | UDF and ISO 9660, CD-DA |
| encoding method | EFM, EFMPlus |
| buffer size | 2 MB minimum |
| MTBF | 100,000 hours |
| operating systems compatibility | Microsoft® Windows® 98 SE, Me, 2000 Professional SP2 and XP IEEE 1394 or USB2 interface and drivers required by your operating system (not recommended for use with USB1 interfaces) |
| minimum system requirements | Data storage, video-editing and DVD-authoring applications: 450 MHz Intel® Pentium® II processor or equivalent; 64 MB RAM Video capture applications: 600 MHz Intel Pentium III processor or equivalent (800 MHz or greater recommended); 128 MB RAM; IEEE 1394 interface or analog video capture card Minimum hard disk space requirements: 660 MB free for included software installation; 10 GB free for DVD video disc creation |
| power requirements | Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) |
| power consumption | 25 watts maximum |
| minimum burst transfer rate | 33 MB/sec |
| seek time | Average full-stroke access time of 250 ms (CD-ROM, DVD-ROM) An average random access time of 125 ms (CD-ROM, DVD-ROM) |
| initialisation time | < 20 Sec |
| disc finalization time | 2 minutes typical at 2X |
| write methods | Create: Track at once, Disc at once, Incremental packet writing (variable and fixed packets per Orange Book part II), Copy: Session at Once, Multisession |
| CD/DVD capacity | 4.7 GB (up to 3 hours of video) |
| hours of video recording | 1 hour @ 9.8 Mb/s/sec 2 hours @ 5.8 Mb/s/sec 3 hours @ 3.3 Mb/s/sec Note: bits rates include video and audio |
| write verification | Application specific |
| corrected error rate | Audio, Data Mode 2, and Mode 2 Form 2: less than 1 uncorrectable frame in 10 ⁹ bits read; Data Mode 1 and Mode 2 Form 1 : less than 1 uncorrected frame in 10 ¹² bits read |
| device write media compatibility | CD-R, CD-RW, DVD+RW, DVD+R media (Recommend HP DVD+R/+RW branded media) |
| device read media compatibility | DVD+RW, DVD-ROM, DVD-Video, CD-Digital Audio (Red Book) and CD Extra, CD-ROM (Mode 1 – Yellow Book), CD-ROM XA & CD-I (Mode 2/Form 1 – Green Book), CD-ROM XA & CD-I (Mode 2/Form 2 – Green Book), CD-Bridge & Photo-CD (single and multi-session), CD – Video |
| software included | ArcSoft Showbiz DVD; Veritas RecordNow, DLA and Simple Backup; HP Memories Disc Creator; Cyberlink PowerDVD |
| dimensions (w x d x h) | out of package: 250 X 170 X 53 mm packaged: 318 X 151 X 236 mm pallet: 0.79 x 1.2 x 0.84 m |
| product weight | out of package: 1.4 kg packaged: 2.8 kg pallet: 157.4 kg |
| operating environment | environmental ranges operating temperature: 5 to 40°C operating humidity: 10 to 90 %RH non-condensing |
| certifications | IEC 950-compliant, USA - UL , CDRH Radiation Control Standards 21 CFR 1010 and 1020-1 0.50 Canada - CSA or CUL, Europe - LVD 73/23/EEC 93/68/EC IEC 60950 plus amendments, EN60825 plus amendment(s), EMCD 89/336/EEC plus amendments |
| warranty | 1 year hardware and software warranty from date of purchase. 5-7 day turnaround on standard hardware unit exchange SupportPacks are Available 24 hour On-line/Web Support Regional Customer Contact Support |

ordering information

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|--------|--|
| Q2109A | External 1394/USB2 DVD+RW/CD-RW drive, Software CD, including Electronic User's Guide and integrated install software, Quick Start Placemat, Getting Help Guide, How do I?...guide, Minimum Legal Requirements booklet (Europe only), 1394 Cable, USB2 cable, 1-Blank DVD+RW disc, 1-Blank DVD+R disc, Power Supply, Driver Disk. Does not include video capture hardware to enable download of video to PC |
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| Storage Media | |
|---------------|---|
| Q2107A | hp DVD+R write-once disc, write speed 4x, single in jewel case |
| C8009A | hp DVD+R write-once disc, write speed 2.4x, single in jewel case |
| C8008A | hp DVD+RW rewritable disc, write speed 2.4x, single in jewel case |

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