



hp dvd writer
dvd300i

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HP's DVD writer dvd300i 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.

Ideal for home PC users willing to create their original video DVDs and view them on most DVD players and DVD-ROM drives; business PC users requiring large amounts of removable storage; business communicators who incorporate video into presentations, training and sales tools.

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.

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.

flexible: make original DVDs and CDs

- make original DVDs and CDs using this DVD+RW and CD-RW drive



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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	40 pin IDE/ATAPI
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® 98SE, Me, 2000 Professional SP2 and XP
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	5 VDC with +/-5% tolerance, +12 VDC with +/-10% tolerance
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	CD: 2 minutes typical at 2X; DVD: N/A
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 Mbits/sec 2 hours @ 5.8 Mbits/sec 3 hours @ 3.3 Mbits/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+R, DVD-RW, DVD-R, 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: 191 x 146 x 41 mm packaged: 282 x 150 x 212 mm pallet: 1.2 X 0.79 X 0.982 m
product weight	out of package: 1.1 kg packaged: 2.4 kg pallet: 199 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 - IVD 73/23/EEC 93/68/EC IEC 60950 plus amendments, EN60825 plus amendment(s), EMC 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

Q2108A	Internal IDE 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, IDE Cable, 1-Blank DVD+RW disc, 1-Blank DVD+R disc, screws. Does not include video capture and compression 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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