

Overview

Models

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Introduction

The HP 4.7GB DVD+R/RW 300i Drive media delivers a complete solution for high quality video, audio, and interactive DVD multimedia playable on most set-top DVD players and DVD-ROM drives. Designed for recording digital video and archiving data, the drive writes and reads DVD+R, and DVD+RW media. Users can rewrite to the same DVD+RW disc up to 1,000 times. The DVD+R/+RW disc holds up to 4.7 GB of information.

The HP 4.7GB DVD+R/RW 300i Drive is ideal for videographer, corporate, education, government, and traditional entertainment and media customers. The HP 4.7GB DVD+R/RW 300i Drive writes data at a maximum rate of 5400 Kbytes/sec to DVD+R media and 3250 Kbytes/sec to DVD+RW media. These transfer rates, combined with the capacity of the media, extensive compatibility, and conformance to worldwide DVD standards, make the HP 4.7GB DVD+R/RW 300i and DVD+RW media a highly efficient and cost-effective storage solution.

The option kit for the HP 4.7GB DVD+R/RW 300i Drive includes the drive, Sonic MyDVD authoring software, InterVideo WinDVD software and Roxio Easy CD Creator optimized for entry-level professional and corporate videography applications. The DVD authoring software included in the DVD+R/+RW option kit offers ease of use with its drag-and-drop capability and also brings the creation of menu buttons and links to audio and video content. The software also enables quick and easy mastery of the DVD media's directory structure. The option kit can also be used for data archives.

HP goes to great lengths to provide its customers with the highest performing, most integrated, and thoroughly tested computing solutions. This quality combination not only simplifies the purchase and service process by providing one-step shopping, but also increases customer satisfaction and lowers the overall cost of ownership.

Sonic MyDVD

Sonic MyDVD is the world's first DVD recording and editing application and strikes an excellent balance between simplicity and features. MyDVD makes the DVD medium a very effective replacement for VHS, and significantly expands the range of applications for video. That's because content created with MyDVD is easy to edit, change and update. It allows you to record - in real time - from a video source such as a camcorder or VHS deck, and create DVDs or VCDs that will play on set-top and PC-based players. MyDVD also allows you to create cinematic photo slide shows, transfer video content currently saved on short-lived VHS tapes over to more permanent DVDs, or record content directly to DVD from a camcorder.

Roxio Easy DC Creator

Now you can burn and share anything on CD – your music just the way you like it, your photos, your videos – even backup your critical data – faster and easier than ever. Roxio Easy CD Creator allows you to record from CDs, LPs, MP3s and more as well as create your own high quality music CDs. Make collections of your photos and create powerful slide shows and video presentations to share with family or for business. Keep your important data secure by storing it on CD. The sleek new interface makes simple work of the most creative task.

InterVideo WinDVD

Get the most out of your DVDs with InterVideo WinDVD a PC Magazine Editor's Choice Award winner. WinDVD combines the picture and sound features of a PC to bring your DVDs to life. Features include time stretching to let you watch movies faster with natural audio, thumbnail bookmarks to instantly find your favorite scenes, fully-adjustable zoom and pan, and more. With comprehensive audio support, including Dolby Digital decoding for 2 channels, WinDVD lets you enjoy an unmatched theater experience anytime, anywhere.

Compatibility

The HP 4.7GB DVD+R/RW 300i Drive is compatible with HP Workstations xw3100, xw4100, xw6000 and xw8000 series.

Service and Support

The HP 4.7GB DVD+R/RW 300i Drive has a one-year Limited Warranty or the remainder of the warranty of the HP product in which it is installed. Technical support is available seven days a week, 24 hours a day by phone, as well as in online support forums. Certain restrictions and exclusions apply.

Technical Specifications

Capacity	4.7 GB DVD disc/700 MB CD disc
Dimensions (HxWxD)	1.66 x 5.83 x 7.74 in (4.23 x 14.6 x 19.8 cm)
Weight	2.3 lb (1.06 kg)
Interface	ATAPI/EIDE
Mounting Orientation	Horizontal (80 or 120 mm discs) or vertical (120 mm discs only)
Data Transfer Rates - Read	Digital audio extraction 1,200 KB/s (8X) (minimum) CD read up to 6,000 KB/s (40X) DVD read up to 10,800 KB/s (8X)
Media and Formats - Read	CD formats CD-DA (Red Book), CD-ROM (Modes 1 and 2 - Yellow Book), CD-ROM XA (Mode 2, Forms 1 and 2), CD-I (FMV), Photo CD (single and multi-session), Video CD, CD-Text, CD Extra; CD media stamped, CD-R, CD-RW DVD formats DVD-ROM, DVD-Video (with application support); DVD media stamped (single or dual layer, single sided), DVD+RW, DVD+R, DVD-R, DVD-RW
Data Transfer Rates - Write	DVD+R write 5,412 KB/s (4X) DVD+RW write or rewrite 3,247 KB/s (2.4X) CD-R write 600 KB/s (4X) CD-R write 1200 KB/s (8X) CD-R write 2,400 KB/s (16X) CD-RW write 600 KB/s (4X) CD-RW write 1500 KB/s (10X)
Media and Formats - Write	CD formats CD-DA (Red Book), CD-ROM (Modes 1 and 2 - Yellow Book), CD-ROM XA (Mode 2, Forms 1 and 2), CD-I (FMV), Photo CD (single and multi-session), Video CD, CD-Text, CD Extra CD media CD-R, CD-RW DVD formats DVD-ROM, DVD-Video (with application support) DVD media DVD+RW, DVD+R
Write Methods	Disc-at-once, track-at-once, incremental fixed and variable packet, random access write (DVD+RW only), sequential write (DVD +R, +RW)
Data Transfer Modes	ATA PIO mode 4-16.7-Mbps, ATA UltraDMA mode 2-33-Mbps (default)
Access Times (typical)	DVD-ROM Single Layer 140 ms Random CD-ROM Random 120 ms CD-ROM Full stroke 200 ms
Start-up Time (typical)	< 5 s
Stop Time (typical)	< 6 s
Write Buffer Size	2 MB (minimum)
Audio Output	Line-Out 0.7 VRMS Signal-to-Noise Ratio 75 dB Channel Separation 60 dB
Configuration Jumper Block	Master, slave, and cable select modes
Operating Conditions	Temperature 32° to 122° F (0° to 50° C) Humidity 10% to 70% (non-condensing)
Approvals/Environmental	UL 1950 (US and Canada), CE, FDA, FCC (B), TUV, C-TICK (B)

Technical Specifications

**Operating Systems
Supported**

Microsoft Windows XP Professional, Microsoft Windows 2000 SP3

Supplied Software

InterVideo WinDVD 4.0: Play DVD movies;
Roxio Easy CD Creator 5.3.4: Create or copy CDs and DVDs, including music and data CDs, and data DVDs;
Sonic myDVD Video Suite 4.0: includes myDVD for DVD authoring and ArcSoft ShowBiz 1.3 for video title creation and editing;
Dantz Retrospect Express 6.0: Back up systems to CD, DVD, or tape media

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