

Overview

Models

AB615A

Introduction

The HP 4.7GB DVD+RW 300i Drive and 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+RW disc holds up to 4.7 GB of information.

The HP 4.7GB DVD+RW 300i Drive is ideal for videographer, corporate, education, government, and traditional entertainment and media customers. The HP 4.7GB DVD+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+RW 300i and DVD+RW media a highly efficient and cost-effective storage solution.

The option kit for the HP 4.7GB DVD+RW 300i Drive includes the drive, and either a Windows® XP 64-Bit or LINUX 64-bit version of Ahead's Nero Enterprise Edition. This is a CD/DVD recording solution for System Administrators who need to keep Workstations and Servers running. Nero's advanced technology has been optimized for use on Workstations and Servers designed around Intel®'s 64 Bit Itanium processors. Nero Enterprise additionally includes the following features:

- Make a bootable EFI or Data CD/DVD enabling a timely system recovery
- Generate CD/DVDs to exchange data between Windows, Linux and EFI
- Full Nero CD/DVD data recording capabilities

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.

Compatibility

This HP 4.7GB DVD+RW 300i Drive is compatible with HP Workstations zx2000 series.

Service and Support

The HP 4.7GB DVD+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 during normal business hours, as well as in online support forums. Certain restrictions and exclusions apply. Consult the HP Customer Support Centre for details at 1-888-882-6672.

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	ATAPI/EIDE
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 Mode	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)
Operating Systems Supported	Microsoft® Windows XP 64-Bit Edition, version 2003 Red Hat LINUX Advanced Workstation version 2.1 and 3.0
Supplied Software	Ahead Nero Enterprise Edition, including the Nero5 Express basic user interface and the Nero5 Burning ROM advanced

Technical Specifications

user interface.

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