

Overview

Models

AH048AA – Business Desktops

Introduction

Now store up to 8.5 GB of your data, record up to 4 hours of DVD-quality video or audio and burn your own disc labels from right inside your DVD drive with the HP SATA DVD+/-RW LightScribe drive.

The HP 16X Max SATA DVD+/-RW LightScribe Drive delivers an unprecedented storage capacity of up to 8.5 GB. The drive writes to DVD+R at speeds of up to 16X, Double Layer DVD+R at up to 8X, DVD+RW at up to 8X, DVD-R at up to 16X, Double Layer DVD-R at up to 4X, DVD-RW at up to 6X, CD-R at up to 48X and CD-RW at up to 32X and reads from industry standard DVD-ROM media at up to 16X and CD-ROM media at up to 48X. These transfer rates, combined with conformance to worldwide DVD standards, make the HP 16X Max SATA DVD+/-RW LightScribe Drive a highly efficient and cost-effective storage solution for your business.

Want to create professional looking laser-etched disc labels right from your HP Business Desktop? With LightScribe, you can burn your own laser-etched disc labels using the same laser that burns your data - right inside your DVD drive. LightScribe is an integrated system that combines the HP 16X Max SATA DVD+/-RW LightScribe Drive with specially coated discs* and enhanced disc-burning software to produce precise, laser-etched labels with gray-scale images similar to a black-and-white photograph. This amazing technology is the no-hassle way to create elegant labels for all your CDs and DVDs. Simply burn your data, then flip the disc and burn your own unique label. No ink, no messy markers or clumpy adhesive labels.

The HP SATA DVD+/-RW LightScribe Drive is the solution you have been looking for to burn and store high quality video, audio, data archiving and interactive DVD applications playable on most set-top DVD players and DVD-ROM drives. It can write up to 8.5 GB of data on Double Layer (DL) media (equivalent to 4 hours DVD-quality video) equaling 12 fully-recorded CD-Rs and is able to read and write to all '+' and '-' formats and utilizes the SATA / ATAPI interface to communicate data and digital audio with the host computer.

NOTE: Actual speeds may vary. HP SATA DVD+/-RW LightScribe Drive data transfer rates up to 6000 KB/s (CD) and 22,000KB/s (DVD).

Does not permit copying of commercially available DVD movies or other copy-right protected materials. Intended for creation and storage of your original material and other lawful uses.

Double Layer discs can store more data than single layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players. LightScribe creates a grayscale image similar to black and white photography. LightScribe media required and sold separately. All LightScribe support, drivers and application software, is included within the Roxio Easy Media Creator software.

Serial ATA: Serial ATA is the next generation ATA interface. It provides faster data transfer speeds, better system cooling airflow, more bandwidth, more headroom for speed increases in future generations and better data integrity helping to improve productivity. A next-generation technology, Serial Advanced Technology Attachment (SATA) interface connects storage devices to the PC platform. SATA point-to-point topology provides a direct path between the storage device and the PC enabling easy aggregation of multiple storage devices into a single PC. This offers you the additional benefits of dedicated bandwidth, the ability to more easily identify device failures and scalability.

Overview

Key Benefits

- Store 8.5 GB of data or record up to 4 hours of DVD-quality video
- Burn your own laser-etched disc labels with integrated LightScribe
- Fastest recordable technology available today for DVD burning
- Create video, audio, still imagery, and text on DVD discs that can be played on most set-top DVD players and DVD-ROM drives
- Record, erase and re-record CD-RW, DVD+RW and DVD-RW discs up to 1,000 times
- Includes Roxio Easy Media Creator, INTERVIDEO WINDVD and HP BACKUP AND RECOVERY software.

Included Software

Roxio Easy Media Creator version 9

Now you can burn and share anything on CD or DVD - your music just the way you like it, your photos, your videos - even backup your critical data - faster and easier than ever.

Roxio Easy Media Creator provides you with the necessary tools to burn your digital music, preserve memories in electronic albums, create photo slide shows, print or e-mail photos, copy personal discs or save large data projects to multiple discs. In addition, when you upgrade to an HP DVD Writer you can make DVD movies that feature professional transitions with animated menus that will play on a home DVD player, and with Roxio's Express Labeler, you can burn custom labels on LightScribe supported media. Do more with your digital media with this powerful, easy-to-use and fully integrated product.

NOTE: Support for Windows Vista is included in this version

Intervideo WinDVD

Get the most out of your DVDs with Intervideo WinDVD. Intervideo WinDVD combines the picture and sound features of a PC to bring your DVDs to life.

Features include, thumbnail bookmarks to instantly find your favorite scenes, fully-adjustable zoom and pan, and more. With comprehensive audio support, including Dolby Digital two channel decoding, Intervideo WinDVD lets you enjoy an unmatched theater experience on your desktop PC.

NOTE: Support for Windows Vista is included in this version

Compatibility

The HP 16X Max SATA DVD+/-RW LightScribe SATA Drive is compatible with HP Compaq dx2250, dx2300, dc5700, dx5750, dx7300 and dc7700 Business Desktops (with the exception of ultra-slim desktops). Not all models available in all regions.

Service and Support

Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options). If your HP Option is installed in an HP Hardware Product, HP may provide warranty service either for the HP Option Limited Warranty Period or the remaining Limited Warranty Period of the HP Hardware Product in which the HP Option is being installed, whichever period is the longer but not to exceed three (3) years from the date you purchased the HP Option.

Technical Specifications

HP 16X Max SATA DVD+/-RW LightScribe Drive	5.25-inch, half-height, tray-load
Orientation	Either horizontal or vertical
Interface type	SATA/ATAPI
Disc capacity	8.5 GB DL or 4.7 GB standard
Dimensions (W x H x D)	5.9 x 1.7 x 8.0 in (15.0 x 4.4 x 20.3 cm)
Weight (max)	2.6 lb (1.2 kg)
Write speed	DVD+R Up to 16X DVD+RW Up to 8X DVD+R DL Up to 8X DVD-R DL Up to 4X DVD-R Up to 16X DVD-RW Up to 6X CD-R Up to 48X CD-RW Up to 32X
Read speeds	DVD-RAM Up to 4X DVD+RW, DVD-RW, DVD+R DL, DVD-R DL Up to 8X DVD-ROM, DVD+R, DVD-R Up to 16X CD-ROM, CD-R Up to 48X CD-RW Up to 32X
Access times (typical reads, including setting)	Random DVD: < 130 ms (typical), CD: < 120 ms (typical) Full Stroke DVD: < 240 ms (seek), CD: < 200 ms (seek)
Power	Source SATA DC power receptacle DC Power Requirement 5 VDC \pm 5%-100 mV ripple p-p 12 VDC \pm 5%-200 mV ripple p-p DC Current 5 VDC – <1000 mA typical, < 1600 mA maximum 12 VDC – < 600 mA typical, < 1400 mA maximum
Environmental (all conditions non-condensing)	Temperature (operating) 41° to 122° F (5° to 50° C) Relative Humidity (operating) 10% to 90% Maximum Wet Bulb 86° F (30° C) Temperature (operating)
Operating systems supported	Windows Vista Business 64*, Windows Vista Business 32*, Windows Vista Home Basic 32*, Windows 2000, Windows XP Professional or Windows XP Home 32*. No driver is required for this device. Native support is provided by the operating system.
Option kit contents	HP 16X Max DVD+/-RW LightScribe drive, LightScribe software, Roxio Easy Media Creator version 9, Intervideo WinDVD Software, installation guide, and DVD+R media.

***NOTE:** Certain Windows Vista product features require advanced or additional hardware. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit <http://www.windowsvista.com/upgradeadvisor>. For Windows Vista system requirements, visit <http://www.windowsvista.com/systemrequirements>.

Technical Specifications

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