

### Overview

#### Model

HP SATA 16x SuperMulti Drive (Black)

QS208AA

#### Introduction

Now you can write to all DVD formats including DVD-RAM, burn your own disc labels from right inside your DVD drive and store up to 8.5 GB of data or record up to 4 hours of DVD-quality video – all with the HP SATA SuperMulti drive.

The HP SATA SuperMulti Drive gives you an unprecedented storage capacity of 8.5 GB - nearly twice that of previous generation drives thanks to double layer technology. It writes to DVD+R at up to 16X, DVD-RAM at up to 12X, 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 8X, 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 SATA SuperMulti DVD Writer Drive a highly efficient and cost-effective storage solution for your business.

**NOTE:** Actual speeds may vary. HP SATA SuperMulti Drive data transfer rates up to 7,200 KB/s (CD) and 21,600 KB/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.

**Serial ATA:** Serial ATA is the next generation ATA interface. It provides you with 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 your productivity. This SATA interface connects storage devices to the PC platform providing a direct path between the storage device and the PC. This offers you the additional benefits of dedicated bandwidth, the ability to more easily identify device failures and scalability.

#### Key Benefits

- Store up to 8.5 GB of data or record up to 4 hours of DVD-quality video
- Write to all DVD formats including DVD-RAM
- Fastest recordable technology available today for DVD burning
- Create DVD discs that can be played on most set-top DVD players and DVD-ROM drives
- Brings quality and affordability to the creation of video, audio, still imagery, and text on high-capacity media
- Permits recording, erasing, and re-recording of CD-RW, DVD+RW, DVD-RW and DVD-RAM discs up to 1,000 times
- Includes Roxio Easy Media Creator and Corel WinDVD SD software.



### Overview

#### 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.

#### Corel WinDVD SD

Get the most out of your DVDs with Corel WinDVD SD. Corel WinDVD SD 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, Corel WinDVD SD lets you enjoy an unmatched theater experience on your desktop PC.

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#### Compatibility

The HP SATA SuperMulti Drive is compatible with HP Compaq 4000 Pro Small Form Factor, HP Compaq 6000 Pro Microtower and Small Form Factor, HP Compaq 6005 Pro Microtower and Small Form Factor, HP Compaq 6200 Pro Microtower and Small Form Factor, HP Compaq 8000 Elite Small Form Factor and Convertible Minitower, HP Compaq 8100 Elite Small Form Factor and Convertible Minitower, HP Compaq 8200 Elite Small Form Factor, Convertible Minitower, and Microtower, Compaq 500B Microtower, HP 500B Microtower, Compaq 505B Microtower, HP Pro 2000 Microtower, HP Pro 3000 Microtower and Small Form Factor, HP Pro 3005 Microtower and Small Form Factor, and the HP Pro 3010 Microtower and Small Form Factor Business PCs. Not all models available in all regions.

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#### 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 SATA 16x SuperMulti 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-RAM	Up to 12X		
	DVD+R	Up to 16X		
	DVD+RW	Up to 8X		
	DVD+R DL	Up to 8X		
	DVD-R DL	Up to 8X		
	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 12X		
	DVD+RW	Up to 8X		
	DVD-RW	Up to 8X		
	DVD+R DL	Up to 8X		
	DVD-R DL	Up to 8X		
	DVD-ROM	Up to 16X		
	DVD-ROM DL	Up to 8X		
	DVD+R	Up to 16X		
	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: < 140 ms (typical), CD: < 125 ms (typical)	
		Full Stroke	DVD: < 250 ms (seek), CD: < 210 ms (seek)	
		Cache Buffer	2 MB (minimum)	
	Power	Source	SATA DC power receptacle	
DC Power Requirement		5 VDC ± 5%-100 mV ripple p-p 12 VDC ± 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 Temperature (operating)	86° F (30° C)		
Operating systems supported	Windows 7 Home Basic*, Windows 7 Home Premium*, Windows 7 Professional Edition 32*, Windows 7 Professional Edition 64*, Windows 7 Ultimate Edition 32*, Windows 7 Ultimate Edition 64*, Windows			



### Technical Specifications

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.

\* This system may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See <http://www.microsoft.com/windows/windows-7/> for details.

\*\* 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>.

### Option kit contents

HP SATA SuperMulti drive, the appropriate SATA cable for the drive, Roxio Easy Media Creator version 9, Corel WinDVD SD Software, installation guide, and DVD+R media.

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