

Overview

Models

HP Blu-ray Writer

AR482AA

Introduction

Get the latest in the progression from CDs, to DVDs and now Blu-ray optical disc storage technologies.

Performance and Features

- Store up to 50 GB of data on a dual layer disk and 25 GB of data on a single layer disk or record up to 9 hours of high-definition (HD) video or 23 hours of standard-definition (SD) video on a 50 GB disc
- Write to all Blu-ray, DVD (including DVD-RAM) and CD formats
- Fastest recordable technology available today for Blu-ray and DVD burning
- Create discs that can be played on most compatible set-top players and Blu-ray or DVD-ROM drives
- Brings quality and the latest technology to the creation of video, audio, still imagery, and text on the highest-capacity media
- Permits recording, erasing, and re-recording of CD-RW, DVD+RW, DVD-RW, DVD-RAM, BD-R and BD-RE discs up to 500 times
- Includes Roxio Easy Media Creator and Intervideo WinDVD* software

Compatibility

The HP Blu-ray Writer Drive is compatible with HP Z400, Z600, Z800 Workstations.* Support for the HP xw4600 and xw9400 is planned for June 1, 2009.* Not all models available in all regions.

* Playing back Blu-ray HDCP (High-bandwidth Digital Content Protection) content such as commercially distributed Blu-ray HD movies requires a fully HDCP compliant path on your computer. The HDCP technology checks compliance of each component in the path from the content on the Blu-ray disc all the way to the display monitor.

The HP Z400, Z600 and Z800 Workstations have been designed with this in mind; nearly all configurations with currently available HP Professional Displays are compliant. Older HP xw4600 and xw9400 configurations may not have fully compliant paths based on the installed graphics card and display monitor; HP recommends confirming separately that you have a fully compliant system if commercial content playback is a requirement for your use.

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

Description	5.25-inch, half-height, tray-load	
Mounting Orientation	Either horizontal or vertical	
Interface Type	SATA	
Dimensions (WxHxD)	15.0 x 4.4 x 20.3 cm (5.9 x 1.7 x 8.0 in)	
Supported Media Types	BD-ROM BD-R BD-RE DVD-RAM DVD+R DVD+RW DVD+R DL DVD-R DL DVD-R DVD-RW CD-R CD-RW	
Disc Capacity	DVD-ROM	8.5 GB DL or 4.7 GB standard
	Blu-ray	50 GB DL or 25 GB standard
	Full Stroke DVD	< 250 ms (seek)
	Full Stroke CD	< 210 ms (seek)
	Blu-ray	< 275 ms (seek)
	Startup Time	(Time to drive ready from tray loading) BD-ROM (SL/DL) 25S / 28S BD-R (SL/DL) 25S / 28S BD-RE (SL/DL) 25S / 28S DVD-ROM (SL/DL) 18S / 18S DVD-R (SL/DL) 25S / 25S DVD-RW 25S DVD+R (SL/DL) 25S / 25S DVD+RW 25S DVD-RAM 45S CD-ROM 15S
Maximum Data Transfer Rates	CD ROM Read	CD-ROM Up to 40X CD-R Up to 40X CD-RW Up to 40X
	DVD ROM Read	DVD-RAM Up to 5X DVD+RW Up to 10X DVD-RW Up to 10X 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 12X DVD-R Up to 12X



Technical Specifications

	Blu-ray	BD-ROM Up to 6X BD-ROM DL Up to 4.8X BD-R Up to 6X BD-R DL Up to 4.8X BD-R Up to 6X BD-RE SL/DL Up to 4.8X
Power	Source	SATA DC power receptacle
	DC Power Requirements	5 VDC \pm 5%-100 mV ripple p-p 12 VDC \pm 10%-100 mV ripple p-p
	DC Current	5 VDC -900 mA typical, 1200 mA maximum 12 VDC -1000 mA typical, 1600 mA maximum
Operating Environmental (all conditions non-condensing)	Temperature	41° to 122° F (5° to 50° C)
	Relative Humidity	15% to 80%
	Maximum Wet Bulb Temperature	86° F (30° C)
Operating Systems Supported	Windows 7 Professional 32-bit and 64-bit, Windows Vista Business 64*, Windows Vista Business 32*, Windows Vista Home Basic 32*, Windows 2000, Windows XP Professional or Windows XP Home 32*. Red Hat Enterprise Linux(RHEL) WS4**, 5, 6 Desktop/Workstation, SUSE Linux Enterprise Desktop 10 & 11	
	<i>* No driver is required for this device. Native support is provided by the operating system.</i>	
	<i>** RHEL WS4 not supported on Z200/Z200SFF</i>	
Kit Contents	HP Blue Laser RW Drive, Roxio Easy Media Creator software, Intervideo WinDVD Software, installation guide.	
Disclaimer	As Blu-ray is a new format containing new technologies, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD-DVD movies cannot be played on this workstation.	

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