

### Overview

## Models

HP Slim Blu-ray Writer

E5Z81AA

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## Introduction

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

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## 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 Cyberlink Power2Go and PowerDVD\* software
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## Compatibility

The HP Blu-ray Writer Drive is compatible with HP Z230 TWR Workstation and the HP Z1 G2 AiO Workstation. Not all models available in all regions.

\* Note: 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.

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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

<b>Description</b>	12.7mm high, tray-load	
<b>Mounting Orientation</b>	Horizontal	
<b>Interface Type</b>	SATA	
<b>Dimensions (WxHxD)</b>	128 x 14 x 128mm	
<b>Supported Media Types</b>	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	
<b>Disc Capacity</b>	<b>DVD-ROM</b>	8.5 GB DL or 4.7 GB standard
	<b>CD-ROM</b>	650MB CD-ROM (Read Only) 800/700/650MB CD-Recordable (Read & Write) 700/650MB CD-Rewritable (Read & Write) 700/650MB High Speed CD-Rewritable (Read & Write) 700/650MB Ultra & Ultra+ Speed CD-Rewritable (Read & Write)
	<b>Blu-ray</b>	50 GB DL or 25 GB standard
	<b>Full Stroke DVD</b>	< 200ms (seek)
	<b>Full Stroke CD</b>	< 200ms (seek)
	<b>Blu-ray</b>	< 230ms (seek)
	<b>Startup Time</b>	(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
<b>Maximum Data Transfer Rates</b>	<b>CD ROM Read</b>	CD-ROM, CD-R Up to 24X CD-RW Up to 24X
	<b>DVD ROM Read</b>	DVD-RAM Up to 8X 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 8X DVD-ROM DL Up to 8X

### Technical Specifications

	<b>Blu-ray</b>	DVD+R Up to 8X DVD-R Up to 8X BD-ROM Up to 6X BD-ROM DL Up to 6X BD-R Up to 6X BD-R DL Up to 6X BD-R Up to 6X BD-RE SL/DL Up to 6X BD-RE TL 4.8x
<b>Power</b>	<b>Source</b>	SATA DC power receptacle
	<b>DC Power Requirements</b>	5 VDC $\pm$ 5%-100 mV ripple p-p
	<b>DC Current</b>	5 VDC -900 mA typical, 2000mA maximum
<b>Operating Environmental</b> (all conditions non-condensing)	<b>Temperature</b>	41° to 122° F (5° to 50° C)
	<b>Relative Humidity</b>	15% to 80%
	<b>Maximum Wet Bulb Temperature</b>	84° F (29° C)
<b>Operating Systems Supported</b>	Windows 8 32-bit and 64-bit, 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	
<b>Kit Contents</b>	<p>* No driver is required for this device. Native support is provided by the operating system.</p> HP Blue Laser RW Drive, Cyberlink Power2Go Software, Cyberlink PowerDVD Software, installation guide. 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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