

Overview

Models

	Part Number
HP 9.5mm Slim BDXL Blu-Ray Writer ¹	K3R65AA
HP 9.5mm Slim DVD-ROM Drive	K3R63AA
HP 9.5mm Slim SuperMulti DVD Writer ²	K3R64AA
HP Slim DVD-Writer Drive	

NOTE 1: With Blu-Ray, 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. Does not support HD DVD drives. Don't copy copyright protected materials.

NOTE 2: The DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media. Don't copy copyright-protected materials.

HP 9.5mm Slim BDXL Blu-Ray Writer

K3R65AA

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 128GB of data on a quad layer disk, 100GB on a triple layer disk, and 50GB of data on a dual 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
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Compatibility

- The HP 9.5mm Slim BDXL Blu-Ray Writer is compatible with the HP Z440, Z640 and Z840 Workstations. Not all models available in all regions.
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Overview

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.

HP 9.5mm Slim DVD-ROM Drive

K3R63AA

Introduction

With up to 8.5-GB (Double Layer¹) of storage per-disc, the HP 9.5mm Slim DVD-ROM drive can read from any industry standard DVD media at speeds of up to 11,080 kB/s or reads CD media at up to 3,600kB/s.

The SATA interface 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. 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.

Hewlett-Packard goes to great lengths to provide you with the highest performing, most integrated, thoroughly tested computing solutions. This quality combination not only simplifies the purchase and service process by providing one-step shopping, but also lowers the overall cost of ownership.

NOTE: Actual speeds may vary.

NOTE1: Double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

Performance and Features

- Reads from any industry standard DVD and CD media (see technical specifications below)
 - Stores up to 8.5 GB of data (double layer)
 - DVD-ROM read speeds up to 8X
 - CD-ROM read speeds up to 24X
 - Ability to read both single- and double-layer DVD media
 - Ability to read DVD-RAM media
 - Operates in horizontal or vertical orientation
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Overview

Compatibility

- The HP 9.5mm Slim DVD-ROM Drive is compatible with the HP Z440, Z640 and Z840 Workstations. Not all models available in all regions.
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Service and Support

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HP 9.5mm Slim SuperMulti DVD Writer

K3R64AA

Introduction

The 9.5mm Slim SuperMulti drive can write to all DVD formats including DVD-RAM, and store up to 8.5 GB of data or record up to 4 hours of DVD-quality video - all with the HP 9.5mm Slim SuperMulti drive.

The HP 9.5mm Slim SuperMulti Drive gives you a 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 8X, DVD-RAM at up to 5X, Double Layer DVD+R at up to 8X, DVD+RW at up to 8X, DVD-R at up to 8X, Double Layer DVD-R at up to 8X, DVD-RW at up to 8X, CD-R at up to 24X and CD-RW at up to 24X and reads from industry standard DVD-ROM media at up to 8X and CD-ROM media at up to 24X. These transfer rates, combined with conformance to worldwide DVD standards, make the HP 9.5mm Slim SuperMulti DVD Writer Drive a highly efficient and cost-effective storage solution for your business.

SATA interface 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.

NOTE: Actual speeds may vary. HP 9.5mm Slim SuperMulti Drive data transfer rates up to 3,600KB/s (CD) and 11,080 KB/s (DVD). It does not permit copying of commercially available DVD movies or other copy-right protected materials. It is 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.

Overview

Performance and Features

- 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 500 times
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Compatibility

- The HP 9.5mm Slim SuperMulti DVD Writer is compatible with the HP Z240, Z440, Z640 and Z840 Workstations. 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 9.5mm Slim BDXL Blu-Ray Writer

Description	9.5mm height, tray-load	
Mounting Orientation	Either horizontal or vertical	
Interface Type	SATA/ATAPI	
Dimensions (WxHxD)	128 x 9.5 x 127mm	
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	25 GB (single-layer) 50 GB (dual-layer) 100/128 GB (BDXL)
	Full Stroke DVD	< 230 ms (seek)
	Full Stroke CD	< 220 ms (seek)
	Blu-ray	< 230 ms (seek) (Full Stroke Blu-ray)
	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, CD-R Up to 24X CD-RW Up to 24X
	DVD ROM Read	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 DVD+R Up to 8X DVD-R Up to 8X
	Blu-ray	BD-ROM Up to 6X BD-ROM DL Up to 6X BD-R Up to 6X

Technical Specifications

		BD-R DL Up to 6X BD-R Up to 6X BD-RE SL/DL Up to 6X
Power	Source	SATA DC power receptacle
	DC Power Requirements	5 VDC ± 5%-100 mV ripple p-p
	DC Current	5 VDC -900 mA typical, 2000mA maximum
Operating Environmental (all conditions non-condensing)	Temperature	41° to 122° F (5° to 50° C)
	Relative Humidity	10% to 80%
	Maximum Wet Bulb Temperature	84° F (29° C)
Operating Systems Supported	Windows 8.1, 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	

No driver is required for this device. Native support is provided by the operating system.

Kit Contents	9.5mm Slim BDXL Blu-Ray Writer, 5.25" ODD Bay adapter/carrier, slim SATA data/power cable, 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.

HP 9.5mm Slim DVD-ROM Drive

Description	9.5mm height, tray-load	
Mounting Orientation	Either horizontal or vertical	
Interface Type	SATA / ATAPI	
Dimensions (WxHxD)	128 x 9.5 x 127mm	
Disc Capacity	DVD-ROM	Single layer: Up to 4.7 GB Double layer: Up to 8.5 GB
	DVD-ROM Single Layer	< 110 ms (typical)
Access Times	CD-ROM Mode 1	< 110 ms (typical)
	Full Stroke DVD	< 230 ms (typical)
	Full Stroke CD	< 220 ms (typical)
	Power	Source
	DC Power Requirements	5 VDC ± 5%-100 mV ripple p-p
	DC Current	5 VDC - <800mA typical, < 1600 mA maximum
Operating Environmental (all conditions non-condensing)	Temperature	41° to 122° F (5° to 50° C)
	Relative Humidity	10% to 80%
	Maximum Wet Bulb Temperature	84° F (29° C)
Operating Systems Supported	Windows 8.1, 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	

Technical Specifications

SUSE Linux Enterprise Desktop 10 & 11

No driver is required for this device. Native support is provided by the operating system.

Kit Contents

9.5mm Slim DVD-ROM Drive, 5.25" ODD Bay adapter/carrier, slim SATA data/power cable, installation guide

HP 9.5mm Slim SuperMulti DVD Writer

Description

9.5mm height, tray-load

Mounting Orientation

Either horizontal or vertical

Interface Type

SATA/ATAPI

Dimensions (WxHxD)

128 x 9.5 x 127mm

Supported Media Types

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

Full Stroke DVD < 200 ms (seek)

Full Stroke CD < 200 ms (seek)

Maximum Data Transfer Rates

CD ROM Read CD-ROM, CD-R Up to 24X
 CD-RW Up to 24X

DVD ROM Read 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
 DVD+R Up to 8X
 DVD-R Up to 8X

Power

Source SATA DC power receptacle

DC Power Requirements 5 VDC ± 5%-100 mV ripple p-p

DC Current 5 VDC < 800 mA typical, <1600 mA maximum

Operating Environmental (all conditions non-condensing)

Temperature 41° to 122° F (5° to 50° C)

Relative Humidity 10% to 80%

Maximum Wet Bulb Temperature 84° F (29° C)

Operating Systems Supported

Windows 10, 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

Technical Specifications

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Kit Contents

HP SATA SuperMulti DVD Writer drive, installation guide.

HP Slim DVD-Writer Drive

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Mounting Orientation	Either horizontal or vertical	
Interface Type	SATA/ATAPI	
Dimensions (WxHxD)	128 x 9.5 x 127mm	
Supported Media Types	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
	Full Stroke DVD	< 200 ms (seek)
	Full Stroke CD	< 200 ms (seek)
Maximum Data Transfer Rates	CD ROM Read	CD-ROM, CD-R Up to 24X CD-RW Up to 24X
	DVD ROM Read	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 DVD+R Up to 8X DVD-R Up to 8X
Power	Source	SATA DC power receptacle
	DC Power Requirements	5 VDC ± 5%-100 mV ripple p-p
	DC Current	5 VDC < 800 mA typical, <1600 mA maximum
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Kit Contents

HP SATA SuperMulti DVD Writer drive, installation guide.

Summary of Changes

Date of change:	Version History:		Description of change:
31 March, 2016	From v1 to v2	Added	K3R64AA compatibility and Write speeds in Technical Specifications section.
February 1, 2017	From v2 to v3	Changed	HP 9.5mm Slim SuperMulti DVD Writer, HP Slim DVD-Writer Drive OS Support and specs

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