

### Overview

The HP DVD±R/RW drive is the next generation of optical drive for HP ProLiant servers. The DVD±R/W drive will be capable of reading DVD 4.7 GB through 8.5 GB media. It will also be able to read standard stamped, CD-R, and CD-RW CD media. The drive supports writing to CD-R, CD-RW, DVD±R/RW, and DVD-R/RW media.

This drive supports major OSs for reading media. Software support is required for writing to media. For Microsoft® operating systems, this is available by using the included Roxio Media Creator. For other operating systems, an operating system-specific software utility is required for writing to media.

### Models

HP DVD±R/RW 16X Half Height

383974-B21

HP DVD±R/RW 8X Slim

383975-B21

### At A Glance

- Higher capacity writable optical drive utilizing DVD and CD media
- The half height drive maximum speeds are:
  - 48X/32X/48X/16X/4X/16X/16X/8X/6X
  - Write to CD-R, write to CD/RW, read from CD-ROM, read from DVD, write to DVD+R DL, write to DVD+R, write to DVD-R, write to DVD+RW, write to DVD-RW
- The slim drive maximum speeds are:
  - 24X/16X/24X/8X/8X/8X/4X/4X
  - Write to CD-R, write to CD/RW, read from CDROM, read from DVD, write to DVD+R, write to DVD-R, write to DVD+RW, write to DVD-RW

### Compatibility

ProLiant Servers

HP DVD±R/RW 8X Slim  
(383975-B21)

ProLiant DL (rack-optimized):

- HP ProLiant DL320 G2
- HP ProLiant DL360 G3 (SCSI & SAS models only)
- HP ProLiant DL360 G4 (SCSI & SAS models only)
- HP ProLiant DL360 G4p
- HP ProLiant DL360 G5
- HP ProLiant DL365
- HP ProLiant DL365 G5
- HP ProLiant DL380 G3
- HP ProLiant DL380 G4
- HP ProLiant DL380 G4 Packaged Cluster with MSA500 G2
- HP ProLiant DL380 G4 Packaged Cluster with MSA1000
- HP ProLiant DL380 G5
- HP ProLiant DL385
- HP ProLiant DL385 Packaged Cluster with MSA500 G2
- HP ProLiant DL385 G2
- HP ProLiant DL385 G5
- HP ProLiant DL560
- HP ProLiant DL580 G2
- HP ProLiant DL580 G3
- HP ProLiant DL580 G4

### Overview

- HP ProLiant DL580 G5
- HP ProLiant DL585
- HP ProLiant DL585 G2
- HP ProLiant DL585 G5
- HP ProLiant DL740

#### ProLiant ML (expansion-optimized):

- HP ProLiant ML570 G3
- HP ProLiant ML570 G4

HP DVD±R/RW 16X Half ProLiant ML (expansion-optimized):  
Height  
(383974-B21)

- HP ProLiant ML110
- HP ProLiant ML110 G2
- HP ProLiant ML110 G3
- HP ProLiant ML110 G4
- HP ProLiant ML115
- HP ProLiant ML150
- HP ProLiant ML150 G2
- HP ProLiant ML150 G3
- HP ProLiant ML310 G2
- HP ProLiant ML310 G3
- HP ProLiant ML310 G4
- HP ProLiant ML330 G3
- HP ProLiant ML350 G3
- HP ProLiant ML350 G4
- HP ProLiant ML350 G4p
- HP ProLiant ML350 G5
- HP ProLiant ML370 G3
- HP ProLiant ML370 G4
- HP ProLiant ML370 G5
- HP ProLiant ML530 G2
- HP ProLiant ML570 G2

**NOTE:** This is a list of supported servers. Some may be discontinued.

#### Option Kit Contents

- DVD-ROM drive with installation guide
- Warranty card
- Roxio software disk

### Technical Specifications

#### HP DVD±R/RW 16X Half Height

<b>Shipping Dimensions</b> (H x W x D)	7.25 x 11.19 x 13.75 in (18.42 x 28.42 x 34.93 cm)			
<b>Shipping Weight</b>	3.5 lb (1.59 kg)			
<b>Drive Dimensions</b> (H x W x D)	1.63 x 5.8 x 7.8 inches (4.14 x 14.7 x 19.8 cm)			
<b>Disk</b>	Applicable Disk	DVD-ROM DVD-R DVD-R DL DVD-RW DVD+R DVD+R DL DVD+RW CD-ROM XA CD-ROM Mode-1 data disc CD-ROM Mode-2 data disc CD Audio disc CD-Extra CD-RW CD-R Photo CD CD-I CD-DA		
	Capacity	DVD-ROM	DVD-SL DVD-DL Double Sided	4.7 GB/side 8.5 GB/side 9.40 GB
			DVD+/-R DVD+/-RW	4.7 GB/side 4.7 GB/side
		CD-ROM	Mode-1 Mode-2	650 MB (550 MB) 742 MB (640 MB)
	Block Size	DVD CD		2,048 bytes 2,352 (Mode-0) 2352, 2340, 2336, 2048 bytes (Mode-1) 2352, 2340, 2336, 2048 bytes (Mode-2)
	Diameter	120 mm, 80 mm (with adapter at vertical mounting mode)		
<b>Loading Mechanism</b>	Tray type			
<b>Interface</b>	EIDE (ATAPI)			
<b>Access Times (typical)</b>	Random	DVD-ROM < 150 ms, CD-ROM < 150 ms		
	Full-Stroke	DVD-ROM < 240 ms, CD-ROM < 160 ms		
<b>Audio Output Level (typical)</b>	Line-out	CD 0.7 Vrms at 47 Kohms Load		
<b>Data Transfer Rate (sustained)</b>	DVD-ROM	Single Layer	22 MB/sec. Max.	
	CD-ROM		6 MB/sec. Max.	
<b>Cache Buffer</b>	2 MB			

### Technical Specifications

<b>Spin-up Time (typical)</b>	less than 10 seconds	
<b>MTBF</b>	125,000 Power On Hours (POH)	
<b>Ambient Temperature</b>	Operating	41° to 113° F (5° to 45° C)
	Storage/Transportation	-22° to 140° F (-30° to 60° C)

### HP DVD±R/RW 8X Slim

**Shipping Dimensions** (H x W x D) 3.97 x 7.81 x 10.75 in (10.08 x 19.84 x 27.31 cm)

**Shipping Weight** 1.5 lb (0.68 kg)

**Drive Dimensions** (H x W x D) 0.5 x 5.2 x 5.45 in (1.27 x 13.2 x 13.8 cm)

<b>Disk</b>	Applicable Disk	DVD-ROM DVD-R DVD-R DL DVD-RW DVD+R DVD+R DL DVD+RW CD-ROM Mode-1 data disc CD-ROM Mode-2 data disc CD DA CD XA CD-RW CD-R CD Text Photo CD CD-I Enhanced CD		
	Capacity	DVD-ROM DVD-SL DVD-DL Double Sided DVD+/-R DVD+/-RW CD-ROM Mode-1 Mode-2	DVD-SL DVD-DL Double Sided DVD+/-R DVD+/-RW Mode-1 Mode-2	4.7 GB/side 8.5 GB/side 9.40 GB 4.7 GB/side 4.7 GB/side 650 MB (550 MB) 742 MB (640 MB)
	Block Size	DVD CD		2,048 bytes 2,352 (Mode-0) 2352, 2340, 2336, 2048 bytes (Mode-1) 2352, 2340, 2336, 2048 bytes (Mode-2)
	Diameter	120 mm, 80 mm (with adapter at vertical mounting mode)		
<b>Loading Mechanism</b>	Tray type			
<b>Interface</b>	EIDE (ATAPI)			
<b>Access Times (typical)</b>	Random	DVD-ROM < 130 ms, CD-ROM < 130 ms		
	Full-Stroke	DVD-ROM < 240 ms, CD-ROM < 160 ms		

### Technical Specifications

<b>Audio Output Level</b> (typical)	Line-out	CD 0.7 Vrms at 47 Kohms Load	
<b>Data Transfer Rate</b> (sustained)	DVD-ROM	Single Layer	10.8 MB/sec. Max
	CD-ROM		3.6 MB/sec. Max.
<b>Cache Buffer</b>	2 MB		
<b>Spin-up Time</b> (typical)	less than 15 seconds		
<b>MTBF</b>	60,000 Power On Hours (POH)		
<b>Ambient Temperature</b>	Operating	41° to 113° F (5° to 45° C)	
	Storage/Transportation	-22° to 140° F (-30° to 60° C)	
<b>Relative Humidity</b>	Operating	10% to 80%	
	Storage/Transportation	5% to 95%	

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<b>Environment-friendly Products and Approach</b>	<b>End-of-life Management and Recycling</b>	<p>Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to <a href="http://www.hp.com/go/green">http://www.hp.com/go/green</a>. To recycle your product, please go to: <a href="http://www.hp.com/go/green">http://www.hp.com/go/green</a> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.</p> <p>The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <a href="http://www.hp.com/go/green">http://www.hp.com/go/green</a>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.</p>
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