Overview

The DVD-ROM/CD-RW combo drive is the next generation of optical drive for ProLiant Servers. It is offered with an industry-standard ATAPI interface. A Combo drive is designed to read and write to CD-ROM discs and read DVD-ROM discs. It has a maximum speed of 8X with DVD and 24X when used with CD-ROM.

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

Slimline CD-RW/DVD-ROM Combo Drive Option Kit	331903-B21

What's New

- Updated server support list.

Compatibility

ProLiant Servers   ProLiant DL (rack-optimized):

- HP ProLiant DL320 G2 (PN 343791-B21 only)
- HP ProLiant DL360 G2 (SCSI & SAS models only)
- HP ProLiant DL360 G3 (SCSI & SAS models only)
- HP ProLiant DL360 G4
- HP ProLiant DL360 G4p
- HP ProLiant DL360 G5
- HP ProLiant DL365
- HP ProLiant DL365 G5
- HP ProLiant DL380 G2
- HP ProLiant DL380 G2 Packaged Cluster
- HP ProLiant DL380 G3
- HP ProLiant DL380 G3 Packaged Cluster with MSA500
- HP ProLiant DL380 G3 Packaged Cluster with MSA1000
- 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
- HP ProLiant DL585
- HP ProLiant DL585 G2
- HP ProLiant DL585 G5
- HP ProLiant DL585 G6
- HP ProLiant DL785 G6

Overview

ProLiant ML (expansion-optimized):

- HP ProLiant ML570 G3
- HP ProLiant ML570 G4

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

Option Kit Contents   DVD-ROM drive with installation guide, warranty card and software disk.

Technical Specifications

Dimensions (H x W x D, maximum)	0.5 x 5.04 x 5.1 in (12.7 x 128 x 129.4 mm)			
Shipping Dimensions	13.88 x 11.38 x 9.25 in (35.26 x 28.91 x 23.50 cm)			
Shipping Weight	5 lb (2.27 kg)			
Disk	Applicable Disk	DVD-ROM		
		DVD-R and -RW		
		DVD+R and +RW		
		5.2 GB/side DVD-RAM		
		CD-ROM Mode-1 data disc		
		CD-ROM Mode-2 data disc		
		CD Audio disc		
		CD-Extra		
		CD-RW		
		CD-R		
		CD Text		
		PhotoCD		
		CD-I (mode 2)		
		CD-I Ready		
		CD-Bridge		
	Capacity	DVD-ROM	DVD-SL	4.7 GB/side
			DVD-DL	8.5 GB/side
			Double Sided	9.40 GB
		DVD Rewritable		4.7 GB/side
		DVD-RAM		5.2 GB/side
		CD-ROM	Mode-1	650 MB (550 MB)
			Mode-2	742 MB (640 MB)
	Block Size	DVD		2,048 bytes
		CD		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)		
Loading Mechanism	Tray type			
Interface	EIDE (ATAPI)			
Access Times (typical)	Random	DVD-ROM < 120 ms, CD-ROM < 110 ms		
	Full-Stroke	DVD-ROM < 240 ms, CD-ROM < 160 ms		
Audio Output Level (typical)	Line-out	CD 0.7 Vrms at 47 Kohms Load		
Data Transfer Rate (sustained)	DVD-ROM	22 MB/sec. Max	.	
	DVD-RAM	2.77 MB/sec. Max		
	CD-ROM	6 MB/sec. Max.		
Cache Buffer	2 MB			
Spin-up Time (typical)	less than 10 seconds			
MTBF	120,000 Power On Hours (POH)			

Technical Specifications

Ambient Temperature	Operating	41° to 113° F (5° to 45° C)
	Storage/Transportation	-22° to 140° F (-30° to 60° C)
Relative Humidity	Operating	10% to 80%
	Storage/Transportation	5% to 95%

| Environment-friendly Products and Approach | End-of-life Management and Recycling | 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 http://www.hp.com/go/green. To recycle your product, please go to: http://www.hp.com/go/green or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

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: http://www.hp.com/go/green. 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. |
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