

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 and supported on most major operating systems. A combo drive is designed to write to CD-R/RW disks and read DVD-ROM and DVD-RAM disks. It has a maximum speed of 16X with DVD and 48X when used with CD-ROM/Rs.

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

CD-RW/DVD-ROM Combo Drive Option Kit

331346-B21

What's New

Updated server compatibility list.

Compatibility

ProLiant Servers

HP Servers TC:

- HP tc2120

ProLiant ML (expansion-optimized):

- 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
- HP ProLiant ML310 G2
- HP ProLiant ML310 G3
- HP ProLiant ML310 G4
- HP ProLiant ML330 G2
- 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.

QuickSpecs

CD-RW/DVD-ROM 48X Combo Drive Option Kit (Servers)

Overview

Option Kit Contents

- DVD-ROM drive with rails
- Retaining screws
- Installation guide
- Warranty card
- Registration card
- IDE cables
- Recording Software CD

QuickSpecs

CD-RW/DVD-ROM 48X Combo Drive Option Kit (Servers)

Technical Specifications

Dimensions (HxWxD, maximum)	1.625 x 5.75 x 7.09 in (43.5 x 149 x 208 mm)			
Shipping Dimensions	13.88 x 11.38 x 9.25 in (35.26 x 28.91 x 23.50 cm)			
Shipping Weight	5 lbs (2.27 kg)			
Disk	Applicable Disk	DVD-ROM DVD-R/RW DVD+R/RW 2.6 GB/side DVD-RAM (Read Only) 5.2 GB/side DVD-RAM (Read Only) 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-R DVD-RAM CD-ROM	DVD-SL DVD-DL Double Sided Mode-1 Mode-2	4.7 GB/side 8.5 GB/side 9.40 GB 4.7 GB/side 2.6 GB/side and 5.2 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)		
Loading Mechanism	Tray type Auto Loading			
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	21.6 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)			
Ambient Temperature	Operating	41° to 113° F (5° to 45° C)		
	Storage/Transportation	-22° to 140° F (-30° to 60° C)		



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CD-RW/DVD-ROM 48X Combo Drive Option Kit (Servers)

Technical Specifications

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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