

Overview

DVD-ROM Drive Option Kit (Servers)

The 16X DVD-ROM is the next generation of DVD-ROM for ProLiant Servers. It is offered with an industry-standard ATAPI interface and supported on most major operating systems.

A DVD-ROM drive is designed to read not only CD-ROM/CD-R discs but also DVD-ROM, DVD-RAM, DVD+R/+RW and DVD-R/-RW discs. It has a maximum speed of 16X with DVD and 40X when used with CD-ROM/CD-R.

Models

16X DVD-ROM Drive Option Kit (Carbon)

217053-B21

What's New

- Updated server support list.

Compatibility

ProLiant Servers

HP Servers TC:

- HP tc2120

ProLiant ML (expansion-optimized):

- HP ProLiant ML110
- HP ProLiant ML110 G2
- HP ProLiant ML110 G4
- HP ProLiant ML115
- 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 ML330e
- HP ProLiant ML330
- HP ProLiant ML330 G3
- HP ProLiant ML350
- HP ProLiant ML350 G2
- HP ProLiant ML350 G3
- HP ProLiant ML350 G4
- HP ProLiant ML350 G4p
- HP ProLiant ML350 G5
- HP ProLiant ML370
- HP ProLiant ML370 G2
- HP ProLiant ML370 G3
- HP ProLiant ML370 G4
- HP ProLiant ML370 G5
- HP ProLiant ML530
- HP ProLiant ML530 G2
- HP ProLiant ML570
- HP ProLiant ML570 G2

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

Option Kit Contents

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

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Technical Specifications

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 (Read Only) DVD+R /+RW (Read Only)	
		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 (Read Only)	

CD-R (Read Only)

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/side

DVD-R/-RW

4.7 GB/side

DVD-RAM

2.6 GB/5.2 GB/side

DVD+R/+RW

4.7 GB

CD-ROM

Mode-1

650 (700 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 Interface

Tray type Auto Loading
EIDE (ATAPI)

Access Times (typical)

Random
Full-Stroke

DVD-ROM < 125 ms, CD-ROM < 100 ms

DVD-ROM < 180 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

22.1 MB/sec. Max.

DVD-RAM

2.77 MB/sec. Max

CD-ROM

6 MB/sec. Max.

Cache Buffer

256 KB

Spin-up Time (typical)

less than 10 seconds

MTBF

125,000 Power On Hours (POH)

Ambient Temperature

Operating

41° to 122° F (5° to 50° C)

Storage/Transportation

-40° to 120° F (-40° to 60° C)

Relative Humidity

Operating

15% to 85%

Storage/Transportation

10% to 90%

Dimensions

(HxWxD, maximum)

1.625 x 5.75 x 7.09 in (43.5 x 149 x 208 mm)

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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