

# QuickSpecs

## DVD-ROM Drive Option Kit (Servers)

### Overview

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.

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#### 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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## DVD-ROM Drive Option Kit (Servers)

### Technical Specifications

<b>Shipping Dimensions</b>	13.88 x 11.38 x 9.25 in (35.26 x 28.91 x 23.50 cm)		
<b>Shipping Weight</b>	5 lbs (2.27 kg)		
<b>Disk</b>	<b>Applicable Disk</b>	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	
	<b>Capacity</b>	DVD-ROM DVD-R/-RW DVD-RAM DVD+R/+RW CD-ROM	DVD-SL DVD-DL Double Sided Mode-1 Mode-2
			4.7 GB/side 8.5 GB/side 9.40 GB/side 4.7 GB/side 2.6 GB/5.2 GB/side 4.7 GB 650 (700 MB) 742 MB (640 MB)
	<b>Block Size</b>	DVD CD	2,048 bytes 2,352 (Mode-0) 2352, 2340, 2336, 2048 bytes (Mode-1) 2352, 2340, 2336, 2048 bytes (Mode-2)
	<b>Diameter</b>	120 mm, 80 mm (with adapter at vertical mounting mode)	
<b>Loading Mechanism</b>	Tray type Auto Loading		
<b>Interface</b>	EIDE (ATAPI)		
<b>Access Times (typical)</b>	Random	DVD-ROM < 125 ms, CD-ROM < 100 ms	
	Full-Stroke	DVD-ROM < 180 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	22.1 MB/sec. Max.	
	DVD-RAM	2.77 MB/sec. Max	
	CD-ROM	6 MB/sec. Max.	
<b>Cache Buffer</b>	256 KB		
<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 122° F (5° to 50° C)	
	Storage/Transportation	-40° to 120° F (-40° to 60° C)	
<b>Relative Humidity</b>	Operating	15% to 85%	



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<b>Dimensions</b> (HxWxD, maximum)	Storage/Transportation	10% to 90%
		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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