

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

ProLiant ML (expansion-optimized):

Overview

- 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

| | | | |
|---------------------------------------|--|--|--|
| 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 Rewritable DVD-RAM CD-ROM | DVD-SL DVD-DL Double Sided Mode-1 Mode-2 |
| | Block Size | DVD CD | 4.7 GB/side 8.5 GB/side 9.40 GB 4.7 GB/side 5.2 GB/side 650 MB (550 MB) 742 MB (640 MB) 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 | | |
| 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% |
| Dimensions (H x W x D, maximum) | | 0.5 x 5.04 x 5.1 in (12.7 x 128 x 129.4 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.

© Copyright 2008 Hewlett-Packard Development Company, L.P.

The information contained herein is subject to change without notice.

Microsoft and Windows are US registered trademarks of Microsoft Corporation.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.