

QUICKSPECS

Compaq 4/8-GB
DAT Drive

MODELS

4/8-GB DAT Drive
295353-B22 (Opal Bezel Color)

Next-generation DAT drive utilizes DDS-2 technology to perform up to 25 percent faster, and a new mechanism reduces the need for cleaning. Protects servers up to 8 GB in capacity

Improved Reliability

New advancements in tape technology have produced a tape drive which requires less cleaning and provides improved backup/restore operation.

Improved Performance

This new version of the industry-standard DDS-2 DAT Drive provides a Maximum 3.6 GB per hour data transfer rate, which is up to 25 percent greater than other DDS-2 drives.

Industry-Standard DDS-2

DDS-2 format with increased capacity and over twice the data-transfer rate of DDS-1 drives; compatible with DDS-1 tapes to read and write to DDS-1

Compression

Built-in hardware compression

Compatibility and Integration Testing

Fully tested on a variety of Compaq products, including Prosignia and ProLiant Systems

Operating Environment Support

| | |
|----------------------|--|
| Microsoft Windows NT | Supported under Microsoft Windows NT using the Windows NT 4.0 Backup utility supported using Computer Associates ARCserveIT [®] 6.61 and higher for NT or VERITAS Backup Exec 7.3 and higher for NT |
| Novell NetWare | Supported under NetWare 3.x and higher using Computer Associates ARCserveIT 6.61 and higher or VERITAS Backup Exec 8.0 and higher |
| SCO UNIX | Native support under SCO OpenServer v 5.x and SCO UnixWare v 7.x |

Option Kit Contents

DAT Drive
4-GB DDS-2 DAT Cassette
Cleaning Cassette
Mounting Bracket
Documentation

SPECIFICATIONS

Warranty

| | |
|---------|--|
| Maximum | The remaining warranty of the Compaq PC product in which it is installed (to a maximum three-year ¹ limited warranty) |
| Minimum | Three-year ¹ parts, one-year, 24-hours swap |

Recommended Maximum Server Size

< 8 GB²

Capacity

| | Native | 2:1 DC |
|-------------------|--------|--------|
| 60 Meter (DDS-1) | 1.3 GB | 2.6 GB |
| 90 Meter (DDS-1) | 2 GB | 4 GB |
| 120 Meter (DDS-2) | 4 GB | 8 GB |

Transfer Rates

| | |
|---------------------------|-------------|
| Native (maximum) | 1.8 GB/hour |
| Native (typical) | 1.4 GB/hour |
| 2:1 Compression (maximum) | 3.6 GB/hour |
| 2:1 Compression (typical) | 2.8 GB/hour |

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SPECIFICATIONS *(continued)*

Data Access Time

| | |
|-------------------------------|--|
| Average load/unload swap time | < 14 seconds |
| Search Speed | Average of 40 seconds to any point on a 120-meter tape |

Physical Dimensions

| | |
|-----------------------|---|
| 5.25 inch Half Height | 1.6 H, 4 W, 5.9 D (inches) 41 H, 102 W, 150 D (mm) |
| Tape Width | 0.15 in/3.81 mm |
| Tape Length | 393 ft/120 m |

Tape Format

| | |
|----------------------------|-------------------------|
| Recording Method | Helical Scan |
| Recording Format | ANSI/ECMA DDS-DC |
| Data Compression | Lempel-Ziv (DCLZ) |
| Error Detection/Correction | Reed Solomon (3 levels) |

RELATED OPTIONS

| | |
|----------------------------------|------------|
| DAT Cleaning Cassette | 242781-001 |
| External SCSI Storage Expander | 142185-002 |
| Rack Mount SCSI Storage Expander | 165620-002 |
| 4.0-GB DDS-2 DAT Cassette | 137611-001 |

¹ Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details.

² Typically, users will be able to compress their data at a 2:1 ratio; however, compression ratios will vary based on the type of data being compressed.