

# 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 <sup>®</sup> 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

### Warranty

<i>Maximum</i>	The remaining warranty of the Compaq PC product in which it is installed (to a maximum three-year <sup>1</sup> limited warranty)
<i>Minimum</i>	Three-year parts, one-year, 24-hour swap

## SPECIFICATIONS

<b>Recommended Maximum Server Size</b>	< 8 GB <sup>2</sup>	
<b>Capacity</b>	<b>Native</b>	<b>2-1 DC</b>
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
<b>Transfer Rates</b>		
Native (maximum)	2.8 GB/hour	
Native (typical)	2.7 GB/hour	
2:1 Compression (maximum)	5.6 GB/hour	
2:1 Compression (typical)	5.4 GB/hour	

## 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 (HxWxD)	1.6 x 4 x 5.9 in/41 x 102 x 150 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

<sup>1</sup> Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center for details. In Canada consult the Product Information Center at 1-800-567-1616 for details.

<sup>2</sup> 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.