MODELS

12/24 GB DAT Drive
295513-B22

Next-generation DAT drive utilizes DDS-3 technology to perform up to 8.4 GB/hr; a new Automatic Head Cleaning mechanism reduces the need for cleaning; protects servers up to 24 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. Some of these new advancements include an automatic rotating head cleaning sweeper that can be used during the write or read recovery procedure to dislodge debris from the tape path and recording heads and drum. This DDS-3 drive has a MTBF rating of 300,000 hours at a 12 percent duty cycle.

Automated Head Cleaning

Reduces head cleaning cycles by four times over DDS-2

Performance

This version of the industry-standard DDS-3 DAT Drive provides an 8.4 GB/ hr data transfer rate.

Industry-Standard DDS-3

DDS-3 format has a drum rotation speed of 4251 rpm while the tape moves at 11.6 mm/s. Features of the format and implementation of it allow a linear bit density, which is double that of DDS-2 drives, achieving a greater transfer rate and capacity.

Compression

Built-in hardware compression

Compatibility and Integration Testing

Fully tested on a variety of Compaq servers; including Prosignia and ProLiant

Operating Environment Support

Windows NT: Supported under Windows NT using the Windows NT 4.0 Backup utility; supported using ARCserveIT 6.61 and higher for Windows NT and VERITAS Backup Exec 7.3 and higher for NT
NetWare: Supported under NetWare 3.x and higher using ARCserveIT 6.61 and higher for NetWare and VERITAS Backup Exec 8.0 and higher for NetWare
SCO UNIX: Native support under SCO OpenServer v 5.x and SCO UnixWare v 7.x

Option Kit Contents

12/24-GB DAT Drive
12-GB DDS-3 DAT Data Cassette
Cleaning Cassette
Mounting Bracket
Documentation
Live Trial Partner Software

Warranty

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

SPECIFICATIONS

Recommended Maximum Server Size	24 GB or less	
Capacity		
	Native	**2-1 DC**
60 Meter (DDS-1)	1.3 GB	2.6 GB
90 Meter (DDS-1)	2.0 GB	4 GB
120 Meter (DDS-2)	4.0 GB	8 GB
125 Meter (DDS-3)	12.0 GB	24 GB

SPECIFICATIONS *(continued)*

Transfer Rates

Native (maximum)	4.2 GB/hr
Native (typical)	2.1 GB/hr
2:1[2] Compression (maximum)	8.4 GB/hour
2:1[2] Compression (typical)	4.2 GB/hour

Data Access Time

Average load/unload swap time	< 32 seconds
Search Speed	Average of 45 seconds to any point on a 125

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	410 ft/125 m

Tape Format

Recording Method	Helical Scan
Recording Format	ECMA-236, DDS3
Data Compression	Lempel-Ziv (DCLZ)
Error Detection/Correction	Reed Solomon (3 levels)
Interface	Fast SCSI-2

RELATED OPTIONS

12-GB DDS-3 DAT Cassette 10 Pack	295515-B21
4-GB DDS-2 DAT Cassette	137611-001
DAT 4mm Cleaning Cassette	242781-001

COMPATIBILITY

Portables *(Docking Bay or within external Storage Cabinet)*

Compaq Armada 7800
Compaq Armada 7700
Compaq Armada 7400
Compaq Armada 7300
Compaq Armada 6500
Compaq Armada 4000
Compaq Armada 3500
Compaq Armada 1750
Compaq Armada 1700
Compaq Armada 1500c
Compaq Armada 1500

Desktops

Compaq Deskpro EN Series Desktop
Compaq Deskpro EN Series Minitower
Compaq Deskpro EN Series Small Form Factor
Compaq Deskpro EP Series
Compaq Deskpro EP Series, Small Business Solutions

COMPATIBILITY *(continued)*

Workstations

Compaq Professional Workstation XP1000
Compaq Professional Workstation SP700
Compaq Professional Workstation AP500
Compaq Professional Workstation AP400
Compaq Professional Workstation AP200

Servers

Compaq ProLiant 7000 Xeon™
Compaq ProLiant 6500 Xeon
Compaq ProLiant 6400R Xeon
Compaq ProLiant 6000 Xeon
Compaq ProLiant 5500R Xeon
Compaq ProLiant 5500 Xeon
Compaq ProLiant 3000R 6/450
Compaq ProLiant 3000 6/450
Compaq ProLiant 1850R
Compaq ProLiant 1600R (100 MHz)
Compaq ProLiant 1600 (100 MHz)
Compaq ProLiant 800 6/350E, 6/400, 6/450 MHz
Compaq ProLiant 400

SMB

Compaq Prosignia Notebook Family of Personal Computers
Compaq Prosignia Desktop Family of Personal Computers
Compaq Prosignia 740
Compaq Prosignia 720

[1] 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.

[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