![hp invent logo]

reliability

hp StorageWorks DAT 72 tape drive

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The HP StorageWorks DAT 72 tape drive provides reliable, cost effective data protection for entry-level to mid-range servers and high-end workstations. It stores 72 GB of compressed data within 3.5 hours, making it ideal for storage-hungry applications.*
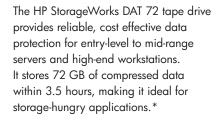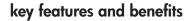
The drive addresses the backup needs of an exceptionally wide range of organizations and networks. As a DDS compliant drive with backwards read and write compatibility with previous generations, it combines real value with the balance of cost, capacity and performance. With broad connectivity to server hardware, backup software and operating systems it is second to none in worry free data backup. Outstanding reliability is assured with a 10x improvement in data integrity, and >400,000 hours of mean time between failure (MTBF). The HP StorageWorks DAT 72 tape drive includes HP One-Button Disaster Recovery to make restoring your entire system fast and easy — the ultimate test of backup reliability.

key features and benefits

- **reliable:** supports HP One-Button Disaster Recovery for fast, easy recovery from system crashes

- **investment protection:** reads and writes DDS3/DAT 24 and DDS4/DAT 40 media, providing a painless upgrade path

- **compatible:** features "plug-and-play" functionality with servers, operating systems and backup software

- **flexible:** available in internal, external, and rackmounted

- **affordable:** provides excellent low cost of ownership driven by low cost of media

- **fast:** backs up at a rate of 21.6 GB per hour*

- **manageable:** HP StorageWorks Library Tape and Tools software enables quick and easy installation and diagnosis of issues

* compressed capacities/transfer rates

technical specifications

capacity	36 GB native, 72 GB* with hardware data compression on a DAT 72 data cartridge
recording format	ANSI/ISO/ECMA, DDS3, DDS4 and DAT 72
media	DAT 72 (72 GB), DDS4/DAT 40 (40 GB), DDS3/DAT 24 (24 GB) Media Recognition System cartridges
interface	Ultra-Wide SCSI LVD
sustained transfer rate	3 MB/sec (10.8 GB/hour) native, 6 MB/sec* (21.6 GB/hour) with hardware data compression
burst transfer rate	6 MB/sec maximum asynchronous, 40 MB/sec maximum synchronous
search speed	50 seconds average file access time using a DDS-4 data cartridge
MTBF	>400,000 hours at 12% duty cycle
dimensions (h x w x d)	• DAT 72i: 1.6 x 5.8 x 6.4 in/41 x 147 x 162 mm • DAT 72e: 3.7 x 4.6 x 8.7 in/95 x 116 x 220 mm • DAT 72m: 1.6 x 6.5 x 11.2 in/41 x 165 x 284 mm
weight	• DAT 72i: 2.2 lb/1 kg • DAT 72e: 4.6 lb/2.1 kg • DAT 72m: 3.3 lb/1.5 kg
form factor (internal)	3.5 in/8.9 cm half-height or 5.25 in/8.9 cm half-height
power requirements	• DAT 72i: +5V DC, 0.9A; +12V DC, 1.5A peak (<1 sec) +5V DC, 0.5A; +12V DC, 0.55A typical • DAT 72e: 100-240V, 0.5A, 50-60 Hz • DAT 72m: 100-240V, 2.0A max, 50-60 Hz, using HP Tape Array 5300
OS, platform, software compatibility	provides broad connectivity and supports multiple brands of server, array controllers, backup software and operating systems; for more information visit **www.hp.com/go/connect**
safety	cCSAus; TÜV; FCC; CE; BSMI; RRL; C-Tick (NOM, VCCI & GOSH for 'e' variant)
accessories	• PCI Ultra3 host bus adapter (Adaptec AHA-2940U2W) recommended for optimum performance — C7474A • Universal Connect Kit — C7458B; • Internal SCSI cable (4 connectors, 68-way, terminated, LVD/SE 1 meter) — C7424A; • Dell rail kit for Dell PowerEdge servers 2100 and 2200 — C5731A • Dell rail kit for Dell PowerEdge servers 2300, 4100, 4200 and 6100 — C5732A
supplies	• HP StorageWorks DAT 72 data cartridge (72 GB*) recommended for optimum performance — C8010A • HP StorageWorks DDS-4 data cartridge (40 GB*) — C5718A • HP StorageWorks DDS-3 data cartridge (24 GB*) — C5708A • HP StorageWorks DDS cleaning cartridge — C5709A

* compressed capacities/transfer rates

hp StorageWorks
DAT 72 tape drive

worry free

ordering information

product number	product name	description
Q1522A	DAT 72i internal tape drive	internal drive for integration into servers and workstations
Q1523A	DAT 72e external tape drive	external drive for desktop use
Q1524A	DAT 72m array module	field integrated model
Q1524A #0D1	DAT 72m array module	factory integrated model
Q1525A	DAT 72i internal tape drive for HP ProLiant servers	internal drive specifically for ProLiant server connect
Q1526A	DAT 72 Trade-Ready tape drive (single)	no HP branding, no learning products, reduced warranty
Q1527A	DAT 72e external tape drive for ProLiant servers – US	external drive specifically for the US market and for connection to ProLiant servers
Q1528A	DAT 72e external tape drive for ProLiant server – International	external drive specifically for the International market and for connection to ProLiant servers

what's included

- Installation Guide, HP StorageWorks CD, TapeWare backup software, warranty registration card, one HP StorageWorks DAT 72 data cartridge (72 GB*), one HP StorageWorks DDS cleaning cartridge

- internal models also include: 3.5 to 5.25 inch conversion kit, ProLiant server mounting kit, power extender cable

- external models also include: 68 pin VHDCI to 68 pin high density multimode SCSI cable 2.5 m, LVD/SE SCSI multi-mode terminator, power cord

* compressed capacities/transfer rates

warranty and support

warranty features — hp service and support	3-year, next business day unit exchange (not available in some countries) **the information below covers all DAT 72 products ('A' signifies shrink-wrap, 'E' signifies electronic)**
	service **product number**
	onsite, next day, 3-year H3155A/E, 174403-002
	onsite, 4 hour, 13x5, 3-year H4616A/E, 174406-002
	onsite, 4 hour, 24x7, 3-year U2068A/E, 174409-002
	onsite, installation 174412-002

for more information

For more information on HP StorageWorks tape drives, contact any of our worldwide sales offices or visit our worldwide web site at: **www.hp.com/go/dat**