

HP StorageWorks DAT 72 tape drive



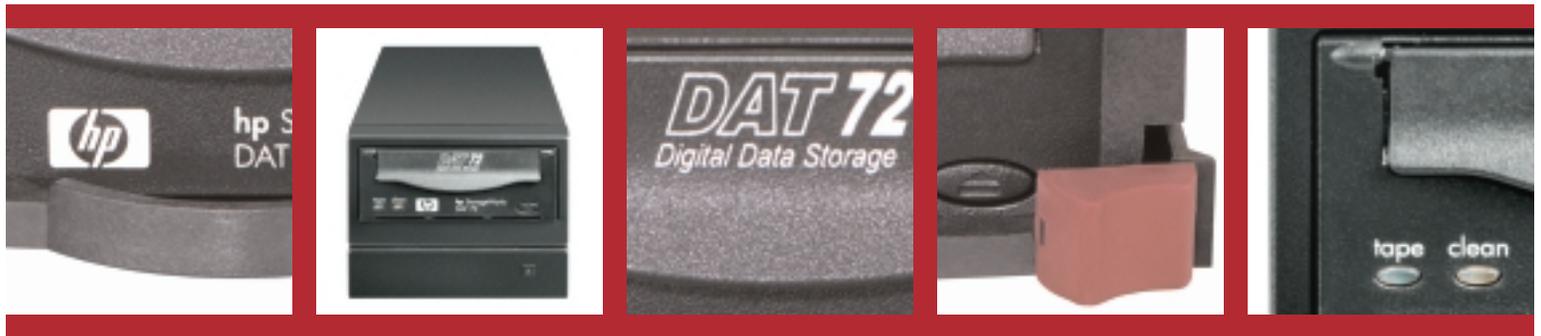
This versatile drive addresses the backup needs of an exceptionally wide range of organizations and networks. The DAT 72 tape drive is a DDS compliant drive with backwards read and write compatibility with previous two generations of DAT tape drives. It provides real value offering a balance of cost, capacity and performance essential to efficient data backup. Outstanding reliability is assured with an MTBF of >400,000 hours. Plus, the DAT 72 tape drive includes the HP One-Button Disaster

Recovery (OBDR) feature to make restoring your entire system fast and easy – the ultimate test of any backup system. Additionally, the DAT 72h tape drive enables hot plug capabilities on HP ProLiant and AlphaServer systems equipped with the universal drive bay.

The HP StorageWorks DAT 72 tape drive is a continuation of the hugely successful DDS format of tape drives.

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.

Giving customers increased capabilities, the HP StorageWorks DAT 72 tape drive extends your existing DDS backup solutions even further.



What's new

- Introduction of the DAT 72h tape drive with hot plug capabilities for HP ProLiant and AlphaServer systems equipped with the universal drive bay

Key features and benefits

- *Reliable*: supports the HP One-Button Disaster Recovery (OBDR) for fast, easy recovery from system crashes
- *Investment protection*: reads and writes DDS-3 and DDS-4 media, providing a painless upgrade path
- *Compatible*: features "plug-and-play" functionality with servers, operating systems and backup software
- *Flexible*: available in internal, external, rackmounted and hot plug variants
- *Affordable*: 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 and Tape Tools enables quick and easy installation and diagnosis of issues if they arise
- *Hot-swappable*: maximizes server and application up time (hot plug tape drive)

* 2:1 compressed capacity

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Capacity	36 GB native, 72 GB* with hardware data compression on a DAT 72 data cartridge
Recording format	ANSI/ISO/ECMA, DDS-3, DDS-4 and DAT 72
Media	DAT 72 (72 GB), DDS-4 (40 GB), DDS-3 (24 GB) Media Recognition System cartridges
Interface	Ultra-Wide SCSI LVD
Sustained transfer rate	3 MB/s (10.8 GB/h) native, 6 MB/s* (21.6 GB/h) with hardware data compression (2:1)
Burst transfer rate	6 MB/s maximum asynchronous, 40 MB/s maximum synchronous
Search speed	65 seconds average file access time using a DAT 72 tape cartridge
MTBF	>400,000 hours at 12% duty cycle
Dimensions (HxWxD)	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) DAT 72h: 1.75 x 4.6 x 8.5 in (44 x 117 x 216 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) DAT 72h: 1.9 lb (0.86 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, 50-60Hz, using Tape Array 5300 DAT 72h: +5V DC, 0.9A; +12V DC, 1.5A peak (<1 sec) +5V DC, 0.5A; +12V DC, 0.55A typical
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 DAT 72 data cartridge (72 GB*) recommended for optimum performance C8010A HP DDS-4 data cartridge (40 GB*) C5718A HP DDS-3 data cartridge (24 GB*) C5708A HP DDS cleaning cartridge C5709A
Safety	cCSAus; TÜV; FCC; CE; BSMI; RRL; C-Tick(NOM, VCCI & GOSH for 'e' variant)

* compressed capabilities/transfer rates

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Ordering information

Part 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 ProLiant servers	Internal drive specifically for HP 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 HP ProLiant servers
Q1528A	DAT 72e external tape drive for ProLiant servers – International	External drive specifically for the International market and for connection to HP ProLiant servers
Q1529A	DAT 72h hot plug tape drive for ProLiant servers	Hot plug drive specifically for connection to HP ProLiant and AlphaServer systems fitted with Universal drive bay

What's included

Installation Guide, HP StorageWorks CD, TapeWare backup software, warranty registration card, one HP DAT 72 data cartridge (72 GB*), one HP DDS cleaning cartridge
Internal models also include: 5.25 to 3.5 inch conversion kit, HP ProLiant mounting kit, power extender cable.
External models also include: 68 pin VHDCI to 68 pin high density multimode SCSI cable 2.5m, LVD/SE SCSI multi-mode terminator, power cord
Array Module also comes with factory fitted carrier
Hot plug model also comes with factory fitted hot plug carrier

Warranty and support

3-year, next-business-day unit exchange

The information below covers all DAT 72 products
'A' signifies shrink-wrap, 'E' signifies electronic

Service	Product No
On-site, next day, 3-year	H3155A/E, 174403-002
On-site, 4 hour, 13x5, 3-year	H4616A/E, 174406-002
On-site, 4 hour, 24x7, 3 year	U2068A/E, 174409-002
On-site, installation	174412-002

For more information

For more information on HP StorageWorks DAT 72 tape drives, contact any of our worldwide sales offices or visit: www.hp.com/go/dat

For more information about the DDS roadmap and DDS Manufacturers Group visit: www.datmgm.com/

For more information about DDS media please visit: www.hp.com/go/storagemedia

For more information on hardware/software connectivity and supported products visit: www.hp.com/go/connect

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