



Protect your small and medium business to balance performance and price

HP DAT Tape Drives and media

Protect your business, remote office, or workgroup with HP DAT Tape Drives that offer the capability of storing up to 160 GB of compressed data on a single cartridge at speeds of up to 50 GB/hr (assuming 2:1 data compression). You can achieve low ongoing cost of ownership by using inexpensive, durable DAT media with backward compatibility, which delivers a seamless upgrade path from older drives.

HP DAT Tape Drives are available in several capacity points (160 GB and 72 GB) and interface types (SCSI, SAS, and USB), making them compatible with virtually any server environment. DAT Tape Drives come complete with data and cleaning cartridge, and HP Storage Library and Tape Tools.

Key features and benefits

High-performance backup solution that fits most environments

- **Up to 160 GB compressed capacity:** Provides a balance of price and performance for small and medium business environments and enterprise workgroups. HP DAT 160 Tape Drives can store up to 160 GB on a single cartridge, backing up to 50 GB/hr on a single DAT 160 cartridge in around three hours.
- **Flexibility to suit most environments:** Comes as external or internal models to fit servers, workstations, and rack-mount kits. Different DAT generations support SAS, SCSI, or USB interfaces for universal plug and play (see table on page 3 for more details).
- **Compatible with almost every operating environment:** Visit us on the Web for the latest information on HP Backup Compatibility. hp.com/storage/spock
- **Hardware-based data encryption:** Helps prevent unauthorized access of tape media (lost or stolen cartridges).



HP DAT 72 Tape Drive



HP DAT 160 Tape Drive

Reduced backup costs

- **Economical backup:** Durable and competitively priced DAT media reduces cost of ownership.
- **Investment protection:** Provides investment protection through a proven track record of reliability and backward compatibility of DAT drives.

Complete backup solution

- **HP One-Button Disaster Recovery:** Restores your entire ProLiant system at the touch of a button without the need for system disks or software CDs. Visit HP One-Button Disaster Recovery (OBDR) Solution for the latest information. hp.com/go/OBDR
- **Complete solution to protect your data:** Provides a complete, easy-to-use backup solution that includes DAT media, cleaning cartridge, to allow users to protect their data without any additional purchases.
- **HP Storage Library and Tape Tools:** Helps make installation, management, and troubleshooting simple. hp.com/support/tapetools

HP DDS/DAT Data Cartridges

With an installed base of more than 19 million drives, DDS/DAT is one of the world's most popular tape storage formats. The latest generation of this simple and successful format is delivered by the HP DAT 160 tape storage solution, providing a 50 GB/hr transfer rate and up to 160 GB capacity on a single cartridge.

New manufacturing and recording technologies have created a tough, lightweight, high-capacity, high-performance media that more than measures up to the uncompromising storage demands of today's dynamic, risk-aware businesses. DDS/DAT provides a reliable, low-cost, and easy-to-use backup solution for small-to medium-sized businesses to meet increasing storage demands and compliance criteria. A Storage Media Kit is also available, providing a complete tape media solution in one easy-to-buy product. hp.com/go/storagemedia/dds

Technical specifications



	HP DAT 72 Tape Drive	HP DAT 160 Tape Drive
Models available	<p>Internal half-height DAT 72 SCSI tape drive, 36 GB native capacity, carbon</p> <p>External DAT 72 SCSI tape drive, 36 GB native capacity, carbon</p> <p>Half-height offline hot-swap DAT 72 SCSI tape drive for HP Tape Array 5300, 36 GB native capacity, carbon</p> <p>Internal half-height DAT 72 native USB 2.0 tape drive, 36 GB native capacity, carbon</p> <p>External DAT 72 native USB 2.0 tape drive, 36 GB native capacity, carbon</p> <p>DAT 72 USB in a 1U rack-mount kit</p>	<p>Internal half-height DAT 160 SAS tape drive, 80 GB native capacity, carbon</p> <p>External half-height DAT 160 SAS tape drive, 80 GB native capacity, carbon</p> <p>Internal half-height DAT 160 SCSI tape drive, 80 GB native capacity, carbon (with SCSI Ultra 160 connectivity for legacy systems)</p> <p>External half-height DAT 160 SCSI tape drive, 80 GB native capacity, carbon</p> <p>Half-height offline hot-swap DAT 160 SCSI tape drive for HP Tape Array 5300, 80 GB native capacity, carbon</p> <p>Internal half-height DAT 160 USB tape drive, 80 GB native capacity, carbon</p> <p>External half-height DAT 160 USB tape drive, 80 GB native capacity, carbon</p> <p>DAT 160 USB tape drive in 1U rack-mount kit</p>
Recording technology	DAT	DAT
Buffer size	8 MB included	16 MB included
Capacity	72 GB compressed 2:1 maximum	160 GB compressed 2:1 maximum
Transfer rate	21.6 GB/hr maximum, compressed 2:1	49.3 GB/hr maximum, compressed 2:1
Host interface	Ultra160 LVD SCSI USB 2.0	Ultra160 LVD SCSI USB 2.0
Encryption capability	No	3 Gb/sec SAS No
WORM capability	No	Yes
Form factor	5.25-inch half-height	5.25-inch half-height
Cartridge type	HP DAT 72 GB Data Cartridge	HP DAT 160 GB Data Cartridge
Warranty	Three-year, next-day, parts exchange, limited warranty, plus 9x5 phone support	Three-year, next-day, parts exchange, limited warranty, plus 9x5 phone support
QuickSpec URLs	http://h18000.www1.hp.com/products/quickspecs/11883_div/11883_div.PDF http://h18000.www1.hp.com/products/quickspecs/11843_div/11843_div.HTML	