

## Sun StorageTek™ DAT 72 Tape Drive

Optimum performance and  
cost of ownership



### Highlights

- Balance of price, capacity, and performance for value-conscious environments
- Ideal for direct-attach, local backup
- Large file transfers are easily accomplished with portable, durable media
- Low acquisition cost and inexpensive media combine for low TCO
- Proven DDS/DAT technology and simple migration path
- Investment protection: read/write compatibility with DDS-3, DDS-4 products
- RoHS compliant to meet environmental standards
- SCSI or USB interface available
- Desktop, 1U rackmount, or internal server options available



In many organizations, including telecommunications, retail, manufacturing, education, and government, there is a vital need for solutions designed for backing up local databases and performing large file transfers. The best solution for these applications would be a low-cost, reliable local backup system — one that's simple enough for individual use. And the good news is that it already exists: the Sun StorageTek™ DAT 72 tape drive, with its proven performance record, is ideal for the purpose.

The StorageTek DAT 72 tape drive delivers reliable, cost-effective data protection for entry-level and midrange servers and workstations. One of the most successful tape formats ever sold, this fifth-generation DDS/DAT drive meets your need for low cost of ownership, ease of use, and backward compatibility with previous generations.

The StorageTek DAT 72 drive's backward read/write compatibility with DDS-3 and DDS-4 products, and its proven reliability adds to its broad appeal for any organization needing local backups at low cost.

And for large file transfers, the StorageTek DAT 72 drive's removable, portable media can pack up to as much as 72 GB of compressed data for easy file sharing.

The StorageTek DAT 72 tape drive has a native capacity of 36 GB per cartridge and a native throughput of 3 MB/sec. And its drives come in a variety of formats to meet your needs: SCSI connectivity in either desktop or 1U rackmount configuration, or as an internal server option.

Sun also offers the StorageTek DAT 72 tape drive with USB connectivity in a desktop configuration, eliminating the need for host bus adapters and SCSI cables and further reducing acquisition cost per workstation. Plus, it allows true plug-and-play functionality for customers who need to move the drive from workstation or server, or to another user.

What's more, you can make your storage solution even stronger with one of the largest selections of high-performance tape media in the industry today. And StorageTek tape media carries a comprehensive warranty that puts a world-class service organization behind your entire Sun storage solution — proving you can have quality tape media and reliable service from a single source.

For easy ordering, or to speak with a Sun media sales representative, call 1-877-STK-TAPE.

## Sun StorageTek™ DAT 72 Tape Drive specifications

<b>Capacity</b>	
Maximum native capacity	36 GB native (72 GB with 2:1 hardware data compression)
<b>Performance and reliability</b>	
Sustained transfer rate	3 MB/s (10 GB/hr) native, 6 MB/s (21.6 GB/hr) with 2:1 hardware data compression
Burst transfer rate	6 MB/s maximum asynchronous, 40 MB/s maximum synchronous
MTBF	Greater than 400,000 hours at 12% duty cycle
Search speed	65 seconds average file access time using a DAT 72 tape cartridge
<b>Compatibility</b>	
Operating systems	Solaris®, Unix®, Windows, Linux
Backup utilities and software	Embedded system utilities for the Solaris OS and Linux Microsoft Windows Native Backup BakBone NetVault Backup CA BrightStor ARCserve Backup EMC Retrospect HP Data Protector HP Data Protector Express Symantec Backup Exec Yosemite TapeWare Master Server
Interface	Ultra Wide SCSI LVD or USB 2.0 (desktop) Support varies depending on versions of OS, software and host bus adapter. Check with your Sun or reseller representative for compatibility.
Recording format	ANSI/ISO/ECMA, DDS-3, DDS-4, and DAT 72
Media	DAT 72, DDS-4, DDS-3 Media Recognition System cartridges
Form factor (internal)	5.25 in. (8.9 cm) half-height
<b>Operational</b>	
Dimensions and weight	H: 1.7 in. (4.3 cm) W: 7.1 in. (18.0 cm) D: 8.7 in. (22.1 cm) Weight 4.2 lb (1.9 kg)
1U rackmount tape drive	H: 1.6 in. (4.1 cm) W: 19.0 in. (48.3 cm) D: 25.3 in. (64.3 cm) Weight 17.8 lb (8.07 kg)
Internal tape drive	H: 1.6 in. (4.1 cm) W: 5.7 in. (14.5 cm) D: 6.1 in. (15.5 cm)
<b>Power</b>	
External tape drive	100-240V, 0.5A, 50 to 60 Hz
Internal tape drive	+5V DC, 0.9A; +12V DC, 1.5 peak (less than 1 s) +5V DC, 0.5A; +12V DC, 0.55A typical
<b>Operating environment</b>	
Operating temperature	5° C to 40° C (41° F to 104° F), 20% to 80% relative humidity, noncondensing
Nonoperating temperature	-40° C to 70° C (-40° F to 158° F), 5% TO 95% relative humidity, noncondensing
Altitude	Operating: 0 to 4600 m Nonoperating: 0 to 15,200 m
<b>Regulatory compliance</b>	
Safety	UL-1950, CAN/CSA-C22.2, CSA no. 950-M-89, CSA C108.8, EN60 950, TUV
EMI/RFI	DIN/VDE 0805, EN 55022, EN 60555-2, FCC MP4, VFG243/1991

### Learn more

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