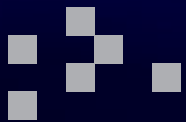


INTERNAL DAT TAPE SUBSYSTEM

InternalDR™





The Internal DAT Tape Subsystem is part of our InternalDR™ family. It delivers high-performance and high reliability at cost-effective pricing. These single tape subsystems meet the basic backup needs for small to medium range servers. They install directly inside a wide variety of servers and include an advanced operator interface for visibility over the backup operation.

The Internal DAT Tape Subsystem is designed for a wide variety of servers. Native connectivity uses LVD (low voltage differential) SCSI connection.

THE BIG PICTURE

- A single DAT tape drive that installs directly in the server.
- Capacity: DAT-72 is 36GB native (72GB compressed).
- Speed: DAT-72 is 12.6GB/hour native (25.2GB/hour compressed).
- Backward compatible with DDS-3 and DDS-4.
- Roadmap to DAT-140 and DAT-240.
- No attachment features or associated costs.
- LCD display panel improves backup efficiency.
- DAT range: single drive to autoloader.
- Supports LVD SCSI connection directly.

DAT TECHNOLOGY

The DAT-72 tape drive provides reliable backup and restoration for small- to medium- sized businesses seeking an affordable storage solution. An extension of the popular DDS tape format, the DAT-72 balances price with higher capacity and greater reliability.

Offering eighty-percent improved capacity over previous generations of DDS tape, the DAT-72 stores 36GB (72GB compressed) with speeds of 12.6GB/hour (25.2GB/hour compressed). Backward compatible with DDS-3 and DDS-4 media, the DAT-72 provides complete investment protection.



KEY BENEFITS

Capacity, Performance, Cost Leader - GST's internal DAT-72 drives compare favorably to SLR and VXA technology for about the same price.

Lower Investment – Attachment features normally required with external tape drives are not needed. Additional features required by external tape devices can include:

1. Input/Output Processor
2. Input/Output Adapter
3. Additional towers

Media Investment Protection – DAT-72 drives are backward-read compatible, and forward-read compatible to future generations.

Real-time Operator Information – Our LCD Display Panel continuously displays key tape conditions to help operations personnel monitor the status of the drive and backup operation.

Space Economy – Floor space or desktop area for an external tape drive is eliminated.

KEY FEATURES

Internal Packaging – Internal attachment of DAT-72 single drives with a wide variety of servers results in a high degree of integration, eliminating high connection costs and simplifying drive containment.

LCD Display Panel – Multi-function LCD continuously displays drive and backup status.

Convenient Drive Interface – RS232 interface for updating firmware and optimizing drive performance.

Service and Support – A variety of support programs provides installation and onsite service; includes GST's Accelerated Ship Program (GASP) to get replacement units on the scene rapidly.

Warranty – Purchase price includes built-in 3 year warranty.



INTERNAL DAT TAPE SUBSYSTEM

InternalDR™

SPECIFICATIONS	DAT72
Capacity	
Native	36 GB
Compressed ¹	72 GB
Sustained Transfer Rate - MB/s	
Native	3.5 MB/s
Compressed ¹	7 MB/s
Sustained Transfer Rate - GB/hr	
Native	12.6 GB/hr
Compressed ¹	25.2 GB/hr
Buffer Size	16 MB
Drum Rotational Speed	10,000 RPM
Average Access Time	40 seconds
Search Speed	200x normal
MTBF	483,000 hours
Vibration (Operating)	.5 G peak
Shock (Operating)	10 G peak
Operating Temperature	45° C max
Operating Humidity	80% max
Power Consumption	8.7 watts
Dimensions (average)	5.25" Half Height
Weight (average)	2 lbs
Media	DAT 72
Warranty	3 Years



1. Compressed Capacity & Transfer Rate Assumes 2:1 Ratio.



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GST, Inc. engineers, manufactures, markets and sells a full line of innovative storage backup and restore products to meet today's need for high-performance, fail-safe reliability and cost-effective data storage. Products include single and dual tape subsystems, autoloaders, midrange tape libraries and modular enterprise-wide libraries. Complete information about the company, its products and support can be found at: www.gstinc.com

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