

Aero[®] Tape DAT

Workgroup to Mid-Sized Network Data Backup Solutions



Server-Based Backup With Emphasis On Performance

The Ultimate High Performance DAT Backup Solution for low to mid-capacity file servers. PerifiTech[®] seamlessly integrates 4mm DAT mechanisms with data compression technology, high speed SCSI controllers, and specifically tuned drivers to make the perfect companion for a Novell, Windows, or Linux server or workstation.

Network Backup

PerifiTech's certified drivers for Novell NetWare, Windows, and Linux were developed specifically to enhance the Aero DAT under Computer Associates Brightstor ARCserve. They are not "generic" SCSI tape drivers, and therefore do not have any of the limitations of generic drivers. Each driver optimizes the server's SCSI I/O allowing backup at speeds that reach the system's full potential — without degrading the network's overall performance.

Backing Up Novell and Windows Networks

The Aero DAT 72 Tape Drive is the fifth generation DDS tape drive, built on the success of four previous generations of DDS technology and providing unprecedented levels of capacity, reliability and cost of ownership. The DAT 72 delivers a capacity of 72 GB on a single data cartridge and a transfer rate of 21.6 GB/hr (assuming a 2:1 compression ratio). The Aero DAT 72 tape drive is the perfect choice for small and medium businesses, remote offices, and workgroups.

Compatibility - Guaranteed !

PerifiTech drivers are certified with NetWare 6.X and Computer Associates Brightstor ARCserve. Windows solutions are certified by Microsoft and Computer Associates. The PerifiTech solution provides complete control resulting in guaranteed compatibility - from a single vendor.

Aero DAT subsystems are supported through Computer Associates' complete selection of client agents. Using ARCserve, the Aero DAT will backup and restore Citrix MetaFrame, SQL and MS Exchange files under Windows 2003.

A Variety of Models to Choose from

Aero DAT subsystems are available in a variety of models which scale in performance and capacity. From entry level DDS-4 subsystems to the latest DDS-5 subsystems which offer up to 72GB capacity and an LVD Ultra2 SCSI interface, PerifiTech has a solution to meet any technical or budgetary requirement.

Key Features:

- **DDS Design Technology**
Industry proven data storage technology
- **Up to 72GB per Tape**
Reduces multiple tape data search
- **Fast Data Throughput**
Backs-up up to 21GB/hr in network environments
- **Internal Head Cleaner**
Prevents head clogging for maximum data integrity
- **Multiple OS Support**
Multi OS compatibility in a single, cost-effective solution
- **MTBF up to 400K Hours**
Maximizes operation and protects investment
- **Internal or External Models**
Provides integration flexibility

Product Specifications

Model DAT-72:

36GB Native Capacity
Up to 72GB on a DAT-72 tape w/ compression
Standard DCLZ compression
40 MB/sec transfer rate (max)
3 - 6 MB/sec transfer rate (avg)
68 sec. file access (max)
15 sec load time
8 MB buffer
LVD/SE Wide Ultra SCSI-2 Interface

Media Compatibility:

Recommended - DAT 72 (170m)
R / W - DDS-4 (155M), DDS-3 (125m)

Reliability (MTBF):

125,000 @ 100 duty cycle

Power Requirements:

+5V DC: 0.6 amps
+12V DC: 1.6 max
7.1 watts max

Environmental:

Ambient Temperature:
Operating: 5° to 40°C-drive & media
Non Operating: -40° to 70°C-drive, -40° to 45°C-media

Relative Humidity:
Operating: 20% to 80% drive & media
Non Operating: 5% to 95%-drive, 20% to 80%-media

Warranty:

3 year limited warranty - parts & labor

Internal Single Drives Include:

Internal DAT Drive
Mounting Hardware
Data Cartridge

External Single Drives Include:

External DAT Drive
Power Cable/Terminator
Data Cartridge

All models can be configured into a complete selection of PerifiTech Intera network servers and Raidium disk arrays. Microsoft, Novell and Computer Associate's certified enhancement drivers available.



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