Cost-Efficient Data Protection with Quantum DAT 160 Tape Format by Rob Miller

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Constrained resources, long term data storage requirements and increasing volumes of corporate data have I.T managers clamoring for high speed, space efficient, durable and low-cost backup solutions. DDS (digital data storage) tape format is the answer to the emerging data protection demands. DDS technology provides economical and reliable data storage solution for small to mid-range IT environments.

Quantum is a world leading specialist, innovator and technical expert in data storage solutions. Broadest range of backup tape, software and disk solutions makes Quantum the best brand for your sensitive business and customer data. Quantumâ€™s DDS tape products are designed for higher media compatibility, greater flexibility and low total ownership cost.

The 6th generation DAT160 tape products from Quantum have become an industry standard for the medium and small businesses. Quantum DAT 160 tape solution is a smart investment that helps the organization to fulfill the tough mandates of industry and government regulations at an affordable price. 80GB / 160GB data can be backed up on a single DAT160 cartridge, thus enabling the users to archive, store and share high-volume data with confidence and supreme reliability.

Customers of small business enterprises, demanding workstations, busy data centers and mid-range server environments can count on Quantum DAT 160 solution. In order to ensure greater media compatibility and higher performance, Quantum has developed internal and table-top DAT 160 drives that offer wider host interface options. The SAS interface provides connectivity to the advanced computing systems, whereas the SCSI and USB 2.0 interface has been introduced for legacy systems and plug-and-play connectivity respectively.

Higher throughout rate of 13.8MB/s (compressed) makes Quantum DAT160 the ideal backup solution for commercial applications and corporate databases. Quantum DAT 160 is an attractive tape medium for the customers of DDSâ€™ formats previous generations. DAT 160 drive has been intelligently engineered to read and record data to DDS 4 and DAT 72 tapes. The DAT72 is the fifth generation DDS 5 tape. Part numbers of the compatible Quantum DDS tapes are CDM40 (DDS 4 tape), CDM72 (DDS 5 tape) and MR-D6MQN-01 (DAT-160 tape). Quantum DAT-160 technology optimizes the recording performance and ensure fast data accessibility, while providing the cost-saving backward compatibility.

The increased track density of 6.8 KB/mm enables the compact DAT160 cartridge to accommodate voluminous data with rock solid reliability. Few of the other alternate tape formats offered by Quantum for SMB industry are:

MRSAMCL01, Quantum SDLT1 tape

MR-L2MQN-01, Quantum LTO-2 tape

THXKD02, Quantum dlt-4 or dlt-iv tape

MR-L1MQN-01, Quantum LTO 1 ultrium tape

MRS2MQN01, Quantum SDLT2 tape

MR-L3MQN-01, Quantum LTO3 tape

Quantum has enhanced the performance of its DAT-160 drives by introducing the high-performance â€œBackup Exec QuickStartâ€• backup software. This state-of-the-art software provides a graphical interface, thus simplifying the storage and restore operations. This backup software is very user-friendly and is easy to install. Backup Exec software provides data storage and retrieval capabilities for desktop systems and single servers.

Quantum DAT-160 technology provides a low-cost, intelligent and secure method for the increasing backup demands.

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