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Quantum DDS-6 Tape, a Reliable and Low-Cost Backup Solution for Growing Businesses by Rob Miller

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In todayâ€™s competitive business environment, the data administrators have to handle the tough data protection challenges that continue to further intensify due to the avalanche of E-business operations and exponential data growth. The IT professionals have realized that by creating data backups, they can continue their business operations if their critical data is lost or corrupted. The 21st century business enterprises call for DDS (digital data storage) tape technology that has been extended to the seventh generation, known as DAT-320 tape.

Quantum backup storage products are robust enough to withstand increased workloads, harsh working conditions and deliver longer working life. Tightly-controlled media development process of Quantum backup devices helps to maintain superior quality. Quantum DDS drives and tapes are widely used in small to midrange enterprises. Quantum DAT160 tape solution, incorporating the DDS 6 media technology, provides perfect balance of affordability and storage efficiency. With a transfer speed of 13.8 Mbps and 160GB compressed capacity, the SMB customers can easily handle their backup requirements at a greater value.

Quantum DDS-6 is the ideal tape solution that offers a wide choice of space-efficient 5.25 and 3.5 inch drive models. In addition, the USB, SAS and SCSI connectivity options enable the data administrators to seamlessly integrate the Quantum DDS-6 drives into a variety of computing environments. SAS interface supports the advanced systems, SCSI interface fulfills the needs of legacy needs and the USB host interface provides the benefits of plug & play functionality.

MR-D6MQN-01 represents Quantum DDS6 media tape that ensures consistent performance and high throughput speed under increased workloads. The readers will surely be amazed to know that Quantum DDS-6 drive features the capability to reliably record and restore data from three generations of DDS including DDS-4, DDS-5 and DDS-6. This exceptional capability provides the customers a scalable data protection system that not only protects their investments, but also offers a low ongoing ownership cost.

Quantum DDS6 drive ensures in-time data availability through its exceptionally fast file access time, which is less than 50 seconds. Furthermore, it features the industry-leading MTBF of 125000 hours, making it a reliable tape drive for modern commercial applications. Other alternate SMB backup tape solutions offered by Quantum are SDLT tape, LTO 2 ultrium tape, DLT-IV tape, SDLT2 tape, LTO1 tape and LTO ultrium3 media tape.

Quantum has introduced advanced metal particle MP+++ technology, which has helped to enhance the track density and robustness of DAT-160 tapeâ€™s base film. As a result, the backup tape ensures precise data tracking and uninterrupted write/read operations even under harsh working conditions. Competitive price of DDS-6 tape media and drive make it a compelling solution for budget-minded customers.

2:1 compression ratio provides an exceptional boost to capacity and throughput speed. In compressed mode, the Quantum DDS6 tape drive can backup 160 GB data onto a single DDS-6 media tape cartridge. On the other hand, the transfer speed extends to 13.8 Mbps, resulting in an impressive backup rate of 50GB/hour.

Therefore for all data-rich SMBs, Quantum DDS-6 is the optimal backup storage system.

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