



Article Side

Quantum Introduces a Robust DDS4 Tape System for Low-Cost and Reliable Backup Storage by [Rob Miller](#)

Article published on February 29th 2012 | [Hardware](#)

Fast data access, robust security and quick business response are the key to successful operations in today's competitive internet-driven market. That is why period backup storage has become essential for business continuity. You might be thinking that only large-scale businesses need to backup their data, which is not true. Medium and small businesses have now migrated to E-commerce, which makes it the fastest growing segment. Tape-based format that continues to flourish in the midrange and small marketplace is DDS (Digital Data Storage). Scalable tape versions and low ongoing ownership cost make it the foremost choice of the broadest range of business enterprises.

Quantum-branded tape cartridges and drives are robustly engineered for heavy duty cycles, superior data accuracy and long-term data archiving. Quantum is the front-line supplier of DDS products and the momentum continues on. Quantum DDS 4 media tape system is an excellent choice for high-volume network servers, demanding workgroups, midrange computers and small data centers. Quantum DDS4 drives offer the IT managers remarkable flexibility with their multiple configurations (table-top and internal). So conveniently configure the tape drive and improve the performance of backup operations at the best price.

Quantum has increased the media storage capacity of its CDM40, DDS4 cartridge by 80% over the prior DDS3 cartridge. So the customers will need lesser quantity of tapes for accommodating their voluminous organizational data. DDS 4 tapes deliver an exceptional 20/40GB recording capacity. Their strong base film reduces tape wear and allows consistent movement during increased workloads.

Quantum DDS4 drives perform data read/write operations in an environmentally-sealed interface, which enhances data integrity and media life. In addition, Quantum has introduced "Smart Shield" technology that allows reliable data recovery from difficult-to-read media. Up-gradation of DDS-2 and DDS-3 tape systems is easy and affordable, because Quantum DDS4 drive is fully compatible with both of these previous generation tapes. So the existing DDS customers can continue using their previous tape resources and overcome the growing backup challenges.

Capacity of DDS-2 tape cartridge in uncompressed mode is 8 GB. In addition to Quantum, the other well renowned brands are 43347 (Imation), C5707A (HP), 200110 (Maxell), 26047120 (Fuji) and DGD-120P (Sony).

Quantum-branded backup storage devices provide users exceptional value for their technology investments and facilitates them to handle the pressure of increased workloads at a low cost per GB. Quantum DDS 4 drives are extremely fast achieving an impressive 19.8 GB/hr compressed speed. They are specifically formulated for enterprise-class applications. Quantum has also developed complete backup solutions based on next generations DDS 5 and DDS 6. Therefore your investment in DDS4 system will be secured and your data center can easily handle the growing databases. The tape reel features a smooth uniform surface, which lowers the tape friction during high-density recording and accelerates the tape movement. So the working life of drive and media cartridge is extended without compromising performance and reliability.

This intelligent Quantum DDS 4 backup system delivers the cost-effectiveness, scalability and reliable data security demanded by the I.T administrators of today's business enterprises.

Article Source:

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Frank Miller is the Marketing Manager of Backuptape and markets a [CDM40](#) and a [C5707A](#). He has vast experience in the marketing and trading industries and has been helping buyers who have the backup needs and guide clients about the technology.

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Article Keywords:

DDS4 tape, Quantum DDS4 tape, C5707A, CDM40, 26047120, DGD-120P, dds 2, dds 3 tapes, DDS 5 tapes

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