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HP Introduces an Intelligent and Energy Efficient DAT320 Backup System for the Rigid Storage Demands by Rob Miller

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Remarkable increase in corporate databases has hit all levels of enterprise industry. On the other hand, the internet-driven market has intensified the challenges around data security, in-time availability of diverse data types and cost-effective scalability. DAT (Digital Audio Tape) is the most successful backup technology in SMB marketplace. It has a proven track record of low ongoing ownership cost, superior reliability and scalable tape generations featuring backward compatibility.

This state-of-the-art DAT format was co-engineered by the tape industryâ€™s most intelligent and leading innovator, HP Hewlett-Packard. That is why HP-branded DAT systems are preferred by the customers looking to secure their tape investment for longer time periods. For those loyal HP customers who want to manage their ever-increasing storage needs and donâ€™t want to switch away from this efficient and reliable DAT technology, HP has engineered the newest DAT-320 system featuring an incredible 100% improvement in recording capacity compared to prior DAT160 tape.

Q2032A is the HPâ€™s new generation DAT320 tape that fulfills the backup demands of organizations with limited media storage space. HP DAT320 cartridge stores an outstanding 320GB data, which is quite evident from its name, DAT-320. This remarkable ability of recording massive data amounts in smaller footprint facilitates the HP DAT320 customers to address the requirements of low operational costs, efficient media handling and fast storage/retrieval operations. HP DAT320 is a smart investment for mid-range servers, complex data centers, workgroup backups, medium-sized computing systems, branch offices and small data centers.

HP DAT320 tape models are available with the market leading SAS and USB host connectivity options, which provide users the flexibility and comfort to ensure hassle-free installation. So conveniently install these drives to the external enclosures, rack mount kits, advanced computing environments and high end workstations.

HP DAT320 drives can fill a single DAT-320 tape within a reasonable tape span of 4 hours (approx.). The data streaming rate of these compact and high-speed DAT320 drives reaches 86.4 GB/hr in compressed mode. HP has designed its DAT 320 drives with the long term protection of customersâ€™ investment as a priority. Therefore, the HP DAT-160 customers who want to upgrade to this next generation wonâ€™t lose access to their tape resources, because DAT320 drives can extract stored information and also write data to DAT160 tapes.

The worldâ€™s leading companies are offering DAT tapes that have helped to deliver customers high-quality tapes at extremely competitive prices. The best-selling tapes of previous generation DAT160 are 27822 (TDK), MR-D6MQN-01 (Quantum), 230020 (Maxell), DGDAT160 (Sony) and 26837 (Imation).

HP DAT-320 is the first DAT generation that offers the reliable hardware-based encryption system. So your recorded data cannot be used maliciously, thus providing the robust security demanded by the industry and government legislations. DAT320 drives transfer the data files at a blistering 24MB/s compressed rate. These drives also feature an automated head cleaning system, which dislodges debris and other contaminants from the recording head and tape path area. In this way, the drive can perform its operations at a high speed without any interruptions.

For medium and small companies, this HP DAT320 is the ideal backup solution.

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Frank Miller is the Marketing Manager of Backuptape and markets a Q2032A and a 27822. 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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