Article Side

HP DAT-320 Media Tape, the New Industry Standard for Reliable Backup Operations in Mid-Sized Organizations

by Rob_Miller

Article published on May 17th 2012 | Hardware

Unauthorized access can tamper data residing on your systemsâ€™ hard disk or even be accidentally over-written/erased by the staff members. Data recovery becomes a nightmare if a virus enters the system and hardware failures completely erase the data. So you are out of options and cannot continue with the business operations. The best practice is ongoing data backups. Having a copy of business data will ensure uninterrupted operations and provide complete peace of mind regarding organizational sustainability. The most successful tape-based backup system developed for long term data protection in midrange & small companies is Digital Data Storage (DDS), also referred as DAT (Digital Audio Tape). It has a proven track record of cost-efficient data security, consistent performance and ongoing scalable roadmap.

HP Hewlett-Packard is the leading brand in DAT tape format. HP co-invented this technology and its high quality standards and exhaustive media tests make it superior to other DAT solutions. The newest generation HP DAT-320 solution is enjoying high market share in mid-range servers, complex small IT centers and branch offices. Fast backup speed also makes it a reliable option for software loading and creating backups of mission-critical operating systems. This solution allows seamless integrations to the widest range of data centers. You can connect the USB and SAS DAT-320 drives as table-top or internal units. These multiple models solve the issue of compatibility. For these high-performance drives, IT managers trust the HPâ€™s Q2030A, DAT320 tape. Precision-engineered base film enables DAT320 media tape to house a staggering 160/320 GB data. Good news is that this tape has 100% improved capacity than DAT-160 tape. So 50% less quantity of DAT-320 tape will do the work more efficiently and also reduce burden on I.T staff.

DDS tapes are the most economical in their class. They are being manufactured by the globally-renowned tape specialists. So, the SMBs have more choice for their specific needs. Part numbers of some of the major DAT160 tape brands are DGDAT160 (Sony), 26837 (Imation), 27822 (TDK) and MR-D6MQN-01 (Quantum).

DAT-320 is the first tape drive in HPâ€™s DAT family that features hardware-based encryption. So your on-site & off-site data is robustly protected against malicious access. So, stolen or lost tapes wonâ€™t uncover your business secrets and other sensitive documents. Backup speed of DAT320 drive reaches a maximum of 86.4 GB/hour in compressed mode. That means the drive can fill a DAT320 tape in approximately 4 hours. The architecture has been intelligently altered to improve airflow around heat producing components, while ensuring seamless movement of tape reel around the drive head. Base film of the tape cartridge also has a smooth magnetic layer that prolongs life expectancy of tape cartridge & drive.

The USB DAT320 drive provides the convenience of fast installation (less than 1 minute) and flexible connectivity. The drive features a small button called OBDR (One Button Disaster Recovery). You will just have to push this button and the entire system will be reliably restored within an unbeatable time frame. With all these intelligent features and HP logo, SMB customers wonâ€™t hesitate investing in this compact, low priced and durable tape-based solution.

Article Source:
http://www.articleside.com/hardware-articles/hp-dat-320-media-tape-the-new-industry-standard-for-reliable-backup-operations-in-mid-sized-organizations.htm - Article Side

Rob Miller - About Author:
Frank Miller is the Marketing Manager of Backuptape and markets a Q2032A and a 331910. 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.

Frank Miller
3984 Washington Blvd #503 Fremont CA 94538
Tel: 888-686-8273
Fax: 888-449-5050
Email: sales@backuptapes.net

Article Keywords:
DDS-4 tape, HP DAT-320 tape, Q2032A, Dell 09W083, DGDAT160, dds-3 media, Dat72 tape, 26837, 331910, dlt-iv, dds4 media, DAT320 tape, MR-D6MQN-01, Sony lto 2 tapes

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!