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HP DAT-160 Tape Solution Secures Your Business-Critical Data for Longer Time Duration, and at an Economical Cost by [Rob Miller](#)

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Backup storage has become the most desirable operation in your IT infrastructure, because the volume of data in majority of the companies is growing by a magnitude of two after every 12 to 18 months. Shrinking floor space, constrained budgets and rigid regulatory compliance demands contribute heavily to the data management challenges. When looking for a scalable, low cost and compact backup solution, you won't find any competitor of DAT tape media format in SMB marketplace.

HP-branded DAT tape products continue to enjoy high market share as their performance and durability are the highest in their class. HP DAT160 tape, the 6th generation, delivers the best combination of performance, affordability and most importantly, rock-solid reliability. HP DAT-160 solution meets the data protections challenges faced by medium and small companies at a reasonable cost. The compatibility issues have been solved by the wide range of connectivity options. The USB DAT160 drive enables fast and trouble-free installation, whereas the SCSI interface further improves the compatibility.

The tape media cartridge engineered by HP to meet the superior performance level of DAT160 drive units is C8011A, DAT160 tape. Size of this cartridge is relatively smaller than competing tapes, but the storage capacity is very impressive. HP DAT160 cartridge has the ability to preserve 80/160 GB data, whereas it ensures consistent performance and reliable restores under increased duty cycles. It has been precision-engineered for uninterrupted read/record performance, and greater tolerance against rough handlings and harsh working conditions.

The HP DAT 160 drives not only deliver high data transfer speed, but also help to ensure in-time availability with their fast data access (50 seconds) and load/unload time (35 seconds). The rewind time is also very fast, which is 92 seconds (end to end). HP DAT160 drives can backup a handsome amount of 50GB compressed data, within approximately an hour. It is ideal for the data administrators who are having problems with shrinking backup windows and have to manage data with the modern time-critical applications.

For small businesses, HP has developed an extremely wide range of backup solutions. Some of the popular HP tapes which offer ample capacity to small organizations are:

Q2020A, HP SDLT2 tape

Q1999A, HP AIT3 tape

C7972A, HP LTO2 tape

C7980A, HP SDLT-1 tape

Working life of drive and tape further enhances, because an advantageous cleaning system features in HP-branded DAT160 drives. The users of DDS4 and DDS5 migrating to this high capacity DAT160 technology can use their existing DDS cartridges for write and read operations. This impressive compatibility of DAT160 drive with three market-leading DDS generations has made it the top choice of many SMBs across the globe. Customers can be assured of long term reliability as each DAT160 tape is rigorously tested by HP for 100% data restore with DAT160 drive. So the users can get the best out of their DDS tape investments.

The remarkable durability and performance of HP DAT160 tape devices provides data intensive companies the confidence to invest in this intelligent and low-cost backup technology.

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