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HP C7975A, LTO5 cartridge is the best choice for ultrium3280 tape drives by [Rob Miller](#)

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Due to remarkable growth in internet-driven applications and E-commerce, the organizations have to secure and backup heavy amount of data. Some of the companies are experiencing a 50% data growth per year. As Datasets are becoming larger, the data security becomes even more challenging for the I.T administrators.

Tape-based system that continues to surpass other technologies in terms of cost-efficiency, reliability, performance and security for the past decade is LTO (Linear Tape Open) format. Three leading tape media companies IBM, Seagate and Hewlett-Packard HP co-developed this tape format. LTO ultrium 5 is the latest and the highest capacity generation.

HP-branded LTO ultrium tape systems are the first choice of data-rich companies across the globe. Performance and cost-effectiveness of HP LTO ultrium 5 tape system are unmatched in complex server environments, supply chain management, midrange data centers, large-scale businesses, data mining, and media-rich applications. HP ultrium-3280 is the new high-speed tape drive family featuring the latest LTO5 technology. The tape drive form factor is full-height and is available in internal and external models. These HP LTO5 drives are capable of streaming data at an unprecedented 280Mbps compressed speed. To match the high performance of ultrium-3280 drive, you can trust the HP-branded C7975A, LTO-5 tape. Its capacity has been nearly doubled over LTO 4 media tape. 1.50 TB native data can be packed on the new generation HP LTO 5 cartridge.

This significant enhancement in capacity will improve the media handling and save more storage space, because the organizations will benefit from preserving massive databases onto fewer tapes. HP ultrium-3280 drive are energy efficient and their multiple models help satisfy the specific customer demands without compromising performance and reliability. "Dynamic data rate" is an innovative mechanism incorporated in ultrium-3280 drives to ensure consistent data streaming during un-stable incoming data rate. The drive adjusts its speed accordingly with the fluctuating rate of host system. This smart approach ensures fast data transfer and superior data precision for write/read tasks.

All of the leading companies Fuji, Dell, Imation, Sony, Maxell, TDK and many others have developed LTO 5 tapes. Respective part numbers of these LTO5 brands are 16008030, 02H9YH, 27672, LTX1500G, 229323 and 61857. So you have more choice and the flexibility to operate these tapes with all branded LTO-5 drives. That is why majority of the customers prefer LTO technology because it saves cost and improves performance through its media interoperability among different LTO brands.

Ultrium-3280 tape drives extend the previous investments with the full write/read compatibility with LTO ultrium 4 tapes, and the ability to extract data from LTO-3 cartridges. So the users of previous LTO ultrium tape systems can deal with the growing storage needs with minimal investment. With HP LTO5 backup system, you can also meet the demands for heightened data security. The AES encryption system secures your data files with the highly reliable 256-bit encryption algorithm. So there is no need to spend money on costly data encryption software. Exceptional durability of HP-branded products and the high-performance of LTO-5 tape system provide customers peace of mind.

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Frank Miller is the Marketing Manager of Backuptape and markets a [C7975A](#) and a [27672](#). 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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