



Article Side

Dell Lto2 Tape Storage System is Designed for the Demanding Backup Needs by [Rob Miller](#)

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Rush to E-business has put extra burden on data administrators, whereas the increasing legislations like the "European Union Data Retention Directive" and "Sarbanes Oxley" have forced organizations to strengthen their data security. But still you can't be 100% sure that your data will not be effected by frequent virus attacks, hardware crashes, fire and software bugs. Therefore, you have no other option but to backup your valuable data. LTO Linear Tape Open format has maintained its dominance in all segments for more than a decade. Its most powerful attribute is seamlessly compatibility among different brands. The LTO drives support all other branded LTO ultrium tapes.

Dell manufactures its backup storage products with a clear focus on superior quality, industry standards and longer life expectancy. Dell is a frontline supplier of LTO solutions. For midrange and small IT centers, you can trust the Dell LTO2 tape system. It also supports the stringent demands of today's enterprise-class applications and entry level servers. Dell has doubled the capacity of LTO-2 cartridge in comparison to LTO ultrium 1 tape.

Data storage capacity of small-sized LTO ultrium 2 tape boosts to 400GB (compressed data). So the SMB customers can seamlessly pack twice the amount of business-critical data files onto half the quantity of tapes. This significant reduction in I.T cost will maximize the storage efficiency and elevate the staff productivity. In addition, you can accommodate copies of the voluminous databases within your complex and space-constrained IT centers.

PowerVault LTO-2-L is the Dell's super-fast tape drive family that features high-class internal and external models. Furthermore, their architecture features the compact half-height design. So the IT managers can install more drives in a smaller footprint and backup the huge data amounts at a greater value. These Dell Lto2 drives maintain rock solid reliability at an impressive backup rate of 24/48 Mbps. Wide range of LTO2 media tape brands has benefited the customers, as the quality of tapes has increased significantly whereas the prices have gone down.

The exceptional durability of Dell Lto2 tapes protects your data in event of cartridge mishandling, bumps and shocks during offsite transportation. Furthermore, the smoothness of base film reduces pressure on tape media during write/read operations, thus improving the data accuracy and reducing the media deterioration. The Dell LTO-2-L drives support the modern IT centers with their ultra-160 SCSI LVD interface and ensure consistency under repeated duty cycles. The 64-MB data buffer, embedded in LTO2-L drives, prevents interruptions and accelerates the storage/retrieval tasks.

LTO 1 customers migrating to the Dell LTO2 system can continue the usage of their LTO 1 backup tapes. This has made possible by incorporating the backward media compatibility in Lto2 drives. So as your storage needs grow, you can deal with the new challenges with greater cost effectiveness and take advantage of the existing LTO recourse.

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Rob Miller is the Marketing Manager of Tape4backup and markets a [lto 5 media tape](#) and a [dell lto2 tape](#). 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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