

A window of opportunity

Shrinking backup window?

No problem. Dell PowerVault 110T Ultrium 2 LTO (LTO-2) tape drives deliver more than twice the performance of previous-generation LTO drives



Dell PowerVault 110T LTO-2

As business data continues to grow at an exponential rate, backup windows are shrinking—and IT managers must find a way to back up more data faster than ever. The second-generation Dell™ PowerVault™ 110T LTO-2 tape drive can help IT organizations meet and beat the backup-window challenge.

Optimized for high performance and capacity—and featuring reliable and open Linear Tape-Open™ (LTO®) technology—the 110T LTO-2 provides a cost-efficient choice for backing up mission-critical enterprise data.

The speed to lead

With an industry-leading native data transfer rate of up to 70 MB/second (assuming 2:1 compression)¹, the 110T LTO-2 offers more than double the performance of first-generation LTO drives. The drive's aggregated sustained data rate of up to 247 GB/hour¹ allows organizations to back up as much as a terabyte of data in less than four hours, helping IT departments stand up to the demands of rapid data growth.

The capacity to cut costs

In addition to Ultrium® 2 cartridges, the 110T LTO-2 is compatible with—and increases performance for—first-generation Ultrium tape media. The use of Ultrium 2

cartridges with the 110T LTO-2 conveys several advantages, such as superior drive throughput to shorten backup and restore times. The 110T LTO-2 drives using Ultrium 2 cartridges also have twice the capacity of first-generation LTO drives—making the combination of the 110T LTO-2 with Ultrium 2 media an excellent choice for backing up large volumes of data.

Each Ultrium 2 cartridge stores up to 400 GB of compressed data.¹ High capacity, combined with competitive cost per gigabyte, may help budget-minded customers meet their backup requirements using fewer cartridges.

A roadmap for growth

LTO is an open format that has received broad industry acceptance and features a well-established four-generation roadmap. The LTO Ultrium specification provides for a doubling of speed and capacity with each generation to keep pace with ever-increasing amounts of data.

Backward compatibility makes LTO upgrades easier and helps customers protect existing investments in drives, media, and tape automation products. Each LTO tape drive is read-write backward compatible with the previous generation of media, and read compatible

for two generations back. This allows companies to upgrade their LTO drives without having to replace media at the same time.

A choice of configurations

For maximum flexibility, Dell offers the 110T LTO-2 configured internally in select Dell PowerEdge™ servers² or conveniently packaged as an external enclosure for stand-alone server attachment. When automation is desired, Dell LTO-2 drives can be purchased in Dell PowerVault 132T, 136T, and 160T LTO-2 tape libraries. Dell LTO-2 drives deliver excellent performance, capacity, and upgradeability at a competitive price for both network attached storage (NAS) and storage area networks (SANs).

For more information:

In U.S.: www.dell.com

In Europe: www.euro.dell.com

In Asia: www.dell.com/ap

¹ Assumes 2:1 compression. Data compression rate may vary depending on settings, user environment, and applications.

² The Dell 110T LTO-2 is available configured internally in Dell PowerEdge 2600, 4600, and 6600 servers.