StorageTek LTO
Ultrium Data Cartridges

ORACLE

STORAGETEK

The high capacity and durability of Oracle's StorageTek Linear Tape Open (LTO) Ultrium data cartridges help you economically meet ever-increasing data storage requirements. With native capacity of up to 6.0 TB, StorageTek LTO Ultrium data cartridges are ideal for use in your archiving and backup applications. StorageTek LTO Ultrium data cartridges have high data integrity and longevity, so data is securely retained over its archived life. Backup and restore activities are accelerated, because more data is processed in less time with fewer tape mounts and dismounts.

KEY FEATURES

- **Increased capacity.** StorageTek LTO Ultrium data cartridges provide higher capacity, which means fewer cartridges to buy and maintain, fewer tape mounts, and improved overall automation efficiency.

- **Data security.** StorageTek LTO Ultrium data cartridges are compatible with StorageTek LTO tape drives, which offer device-level data encryption to ensure data privacy and reduce the risk of data loss.

Advanced Technology

StorageTek LTO Ultrium data cartridges feature a wide range of innovative technology advancements, including

- Highly reliable metal particle (Ultrium 5, Ultrium 6) and barium ferrite (Ultrium 7) media, with improved long-term magnetic stability for archival applications

- Non-contact 16 KB cartridge memory, which enables storage of historical usage records, indexing, and high-speed data searches by the drive

- Hardware-based AES 256-bit encryption capability of StorageTek LTO tape drives offers a high level of security during data storage and when transporting sensitive information

Engage the Storage Experts

Oracle service professionals help you address storage challenges by delivering integrated services and solutions that optimize and manage storage performance over the life of your data. Oracle's recognized, world-class service and customer care give you confidence that your technology investment is protected and that your business will be responsive to change. Oracle's storage service professionals can help you gain and sustain measurable results with the reliability and flexibility that you require. In addition, you can make your storage solution decisions even stronger with one of the largest selections of high-performance tape media in the industry.

ORACLE®

STORAGETEK LTO ULTRIUM DATA CARTRIDGE SPECIFICATIONS

Basic Specifications	StorageTek Ultrium 7 Data Cartridge	StorageTek Ultrium 6 Data Cartridge	StorageTek Ultrium 5 Data Cartridge	StorageTek Ultrium Universal Cleaning Cartridge
Capacity, native (uncompressed)	6.0 TB	2.5 TB	1.5 TB	N/A
Tape length	960 m	846 m	846 m	319 m
Number of tracks	3584	2176	1280	N/A
Tape width	12.65 mm	12.65 mm	12.65 mm	12.65 mm
Tape thickness	5.6 µm	6.4 µm	6.4 µm	8.9 µm
Expected Archival Tape Life	>30 years	>30 years	>30 years	N/A
Cartridge color	Purple	Black	Red	Black

Environmental				
Operating	+50°F to +113°F (+10°C to +45°C), 10% – 80% RH, +79°F (+26°C) wet bulb maximum			
Storage up to four weeks	+61°F to +95°F (+16°C to +35°C), 20% – 80% RH, +79°F (+26°C) wet bulb maximum			
Storage, archive	+61°F to +77°F (+16°C to +25°C), 20% – 50% RH, +79°F (+26°C) wet bulb maximum			
Shipping	–10°F to +120°F (–23°C to +49°C), 20% – 80% RH, +79°F (+26°C) wet bulb maximum			

Compatibility Matrix	Ultrium 7 Drive	Ultrium 6 Drive	Ultrium 5 Drive	Ultrium 4 Drive
Ultrium 7 Cartridge	Read/write at 6.0 TB	Not compatible	Not compatible	Not compatible
Ultrium 6 Cartridge	Read/write at 2.5 TB	Read/write at 2.5 TB	Not compatible	Not compatible
Ultrium 5 Cartridge	Read-only	Read/write at 1.5 TB	Read/write at 1.5 TB	Not compatible
Ultrium 4 Cartridge	Not compatible	Read-only	Read/write at 800 GB	Read/write at 800 GB

CONTACT US

For more information about StorageTek LTO Ultrium Tape Cartridges, visit oracle.com/goto/tape or call +1.800.ORACLE1 to speak to an Oracle representative.

CONNECT WITH US

- blogs.oracle.com/oracle
- facebook.com/oracle
- twitter.com/oracle
- oracle.com

Integrated Cloud Applications & Platform Services

Oracle is committed to developing practices and products that help protect the environment