StorageTek T10000 and StorageTek T10000 T2 Tape Cartridges

Frequently Asked Questions

Overview

Oracle's StorageTek T10000/ T10000T2 tape cartridges are enterprise media specifically designed to meet demands of enterprise storage environments and complement capabilities of Oracle's StorageTek tape drive product line.

Basic Specifications

Capacity:

- StorageTek T10000 tape cartridge: 500 GB (StorageTekT10000) / 1 TB (StorageTek T10000B)

- StorageTek T10000 tape cartridge, sport: 120 GB (StorageTekT10000) / 240 GB (StorageTek T10000B)

- StorageTek T10000 T2 tape cartridge: 5 TB (StorageTekT10000C) / 8.5 TB (StorageTek T10000D)

- StorageTek T10000 T2 tape cartridge, sport: 1 TB (StorageTekT10000C) / 1.6 TB (StorageTek T10000D)

Customer Benefits

Breakthrough Economics for Your Data Center

- **Drive efficiencies:** Combine the highest native data capacity on tape—8.5 terabytes—with the most robust/reliable cartridge design available.

- **Protect your investment.** Lower TCO—reuse existing StorageTek T10000/T10000T2 tape cartridges and simplify deployment with broad compatibility with StorageTek libraries.

- **Minimize risk:** Support 24/7 business operations with dependable enterprise-class technology, designed for high-duty cycle environments, including a locking hub that protects media from edge damage.

- **Ensure data protection:** Limit your exposure to potentially costly litigation while you support regulatory and compliance policies. The StorageTek T10000 tape cartridge is available with Oracle's StorageTek VolSafe tape cartridge secure media technology for write once, read many (WORM) protection.

Frequently Asked Questions

What makes StorageTek T10000 and StorageTek T10000 T2 tape cartridges enterprise class?

StorageTek T10000 and StorageTek T10000 T2 tape cartridge media is designed for optimal match with recording head characteristics. Physical attributes include a ruggedized cartridge design for transport and a locking hub, which prevent damage to media by locking media reel in place when not in use.

What are the media reuse capabilities of StorageTek T10000 and T10000T2 tape cartridges?

StorageTek T10000 tape cartridges are designed for reuse between two generations of StorageTek T10000 tape drives, allowing users to rewrite existing media at twice the capacity in the next generation of StorageTek T10000 tape drives. For example, the tapes written in the StorageTek T10000A tape drive for a total capacity of 500 GB can be rewritten in the StorageTek T10000B tape drives at 1 GB capacity without any other changes. Additionally, StorageTek T10000 tape cartridges can be read in StorageTek T10000C tape drives and StorageTekT10000D tape drives.

StorageTek T10000T2 tape cartridge media is designed for reuse between two generations of StorageTek T10000C and T10000D tape drives, allowing users to rewrite existing at higher capacity in the next generation of StorageTek T10000 tape drives. For example, the tapes written in the StorageTek T10000C drive for a total capacity of 5 TB can be rewritten in the StorageTekT10000D tape drives at 8.5 TB capacity without any other changes.

Can I use my existing StorageTek T10000 tape cartridges with the StorageTek T10000B tape drive?

Yes. The StorageTek T10000 tape cartridge is reusable with the StorageTek T10000B at the new 1 TB capacity.

Can the StorageTek T10000B tape drive read the media that was written with a StorageTek T10000A tape drive?

Yes. The StorageTek T10000B can read media written with the StorageTek T10000A tape drive.

Can the StorageTek T10000C tape drive read the media that was written with a StorageTek T10000A tape drive?

Yes. StorageTek T10000C can read media written with the StorageTek T10000A tape drive, as well as media written by the StorageTek T10000B.

Can the StorageTek T10000D tape drive read the media that was written with a StorageTek T10000A tape drive?

Yes. The StorageTek T10000D can read media written with the StorageTek T10000A tape drive, as well as media written by the StorageTek T10000B. The StorageTek T10000D also can read media written by the StorageTek T10000C tape drive.

What different types of StorageTek T10000 and StorageTek T10000T2 tape cartridges are available?

StorageTek T10000 tape cartridges are available in a full-length standard version and a fast-access, short-length sport version. Additionally, these cartridges are available with StorageTekVolSafe tape cartridge technology.

What is a sport cartridge?

The sport cartridge is a cartridge containing a shorter amount of recording media, which has been specifically designed for applications where faster access is a prime consideration.

What is a StorageTek VolSafe cartridge?

StorageTek VolSafe cartridge is a version of cartridge supporting write once, read many (WORM) capability, designed to support long-term, unaltered data retention requirements.

What is the difference between the StorageTek T10000 and StorageTek T10000 T2 cleaning cartridges?

The StorageTek T10000 cleaning cartridge can be used in StorageTek T10000A and StorageTek T10000B tape drives whenever cleaning is required. The StorageTek T10000 cleaning cartridge is no longer offered. The StorageTek T10000 T2 cleaning cartridge can be used to clean StorageTek T10000A, StorageTek T10000B, StorageTekT10000C, and StorageTek T10000D tape drives.

Can I ensure that data written with a StorageTek T10000 tape drive is never over-written?

Yes, StorageTek T10000 and StorageTek T10000 T2 tape cartridges come in a write once, read many (WORM) StorageTek VolSafe tape cartridge format to protect your data.

Where can I find more information on the changes made for the StorageTek T10000 T2 tape cartridge?

Please visit Oracle's tape storage website at:
http://www.oracle.com/us/products/servers-storage/storage/tape-storage/overview/index.html

Where can I get more information on the StorageTek T10000 tape drive family?

Go to oracle.com/storage site listed above or contact your Oracle sales representative.

Hardware and Software, Engineered to Work Together