IBM Half-high LTO Generation 4 SAS Tape Drive — offering reliable economical tape backup subsystems

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At a glance

The new IBM Half-high LTO Generation 4 SAS Tape Drive is a tape backup subsystem ideal for mid-range to high-end data backup applications. This tape drive offers:

- 5.25-inch, half-high form factor (internal installation)
- Solid performance 800 GB native capacity, up to 120 MB/s native transfer rate, 1600 GB capacity and up to 240 MB/s with compression enabled
- Easy to use and service
- Support for SAS adapters
- Support for leading operating systems and popular backup software

Overview

IBM Half-high LTO Generation 4 SAS Tape Drive (44E8895)

The new IBM Half-high LTO Generation 4 SAS Tape Drive delivers enterprise-class capacity at an entry-level LTO Generation 4 price point. In addition, the condensed half-height form factor now allows internal installation into standard 5.25-inch HH bays on mid- to high-end System x™ servers, providing a high-capacity, high-performance, and high-reliability tape solution.

Take advantage of solid performance, excellent data storage capacity, a high-density form factor, and industry leading LTO backup technology with the IBM Half-high LTO Generation 4 SAS Tape Drive.

The drive offers is an attractively priced entry offering into LTO technology, designed for mid- to high-end System x servers requiring high-capacity, high-performance, and high-reliability tape solutions in a 5.25-inch, half-high form factor. Using its onboard hardware data compression feature and assuming a 2:1 compression ratio, this drive can store up to 1600 GB compressed per cartridge at a backup rate of up to 240 MB/s.

The LTO Generation 4 delivers strong performance with data transfers up to 120 MB/s in native mode (432 GB/hr) and up to 240 MB/s in compressed mode\(^1\) (864 GB/hr).

Key messages:

- Mid- to high-end server class capacity, up to 1600 GB compressed, at an entry-level LTO Generation 4 price point
- 2x transfer rate increase from current half-height LTO Generation 3
- 5.25-inch half-height form factor for internal mounting in more System x Tower systems
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Take advantage of solid performance, excellent data storage capacity, a high-density form factor, and industry-leading LTO backup technology with the IBM Half-high LTO Generation 4 SAS Tape Drive.

It offers:

- 5.25-inch, half-high form factor (internal installation)
- Solid performance 800 GB native capacity, up to 120 MB/s native transfer rate, 1600 GB capacity and up to 240 MB/s with compression transfer rate enabled
- Easy to use and service
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Half-high LTO Generation 4 SAS Tape Drive

The IBM Half-high Linear Tape Open (LTO) Generation 4 SAS tape drive is an entry-level offering into LTO technology.

This new tape product provides a breadth of performance and capacity to satisfy server tape backup requirements.

Additional information

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