

Data Sheet

FUJITSU PRIMERGY LTO-4HH Ultrium (F3626) V2 Backup Tape Device

Backup and archive solution

Have you ever lost data from your computer for some unfathomable reason? Then you will know that data saved on your hard disk is not always available and secure for all times. If you want to be on the safe side, then you should save your data regularly using an external medium.

The PRIMERGY backup solutions provide reliable protection against losing data and a fast data backup combined with a large amount of storage capacity. You can choose between backup technologies, such as LTO tape drives or RDX from the latest Removable Disk technology. Each company can thus find the perfect data backup solution for its particular requirements.

Downwards compatibility with the respective predecessors is sensible not only regarding upgrades for the future but also as a secure investment.

The half-height of the current models enables you to install the drives directly into the servers and thus save space and money.

drives although it is not so fast. The drive has a transfer rate of 120 MB/s.

The industry standard SAS interface ensures easy installation and integration in your servers or in your data center. Likewise, the investment protection is secured as the drive is read/write compatible with LTO-3 media and still read-compatible with LTO-2 media.

However, a large advantage of LTO-4 HH is the encryption which is offered for the first time with an Open Systems tape drive. As this encryption meets normal industry standards, you can be sure that the data can still be deciphered in the years to come. The AES-256-Bit encryption enables LTO-4 to benefit from the full drive performance as well as compression modes. You thus do not need to decide between either tape drive encryption or performance and compression.



PRIMERGY LTO-4HH Ultrium (F3626) V2

The tape drive LTO-4 HH (Linear Tape Open technology) with its 800 GB (1.6 TByte compressed) saves twice as much data as its predecessor LTO-3. It is smaller, saves space and has the same performance and reliability as the LTO-4 full height tape drives. The LTO-4 HH is a sensible choice for all those who wish to reduce their energy consumption. Its read/write operation uses less energy than comparable LTO-3 or LTO-4

Main Features	Benefits
<ul style="list-style-type: none"> ■ Compact size as well as high transfer rates of up to 120 MB/s. ■ Energy efficient design ■ Reduced power requirement ■ AES-256-Bit encryption ■ Investment protection 	<ul style="list-style-type: none"> ■ Short backup time. ■ Low power consumption and cooling costs plus excellent performance ■ Ensures that data can still be deciphered after a few years. ■ Read/write compatibility with LTO-3 media as well as read compatibility with LTO-2 media

Technical details

Backup and archiving solutions

Capacity	800 GB uncompressed / 1,600 GB compressed
Buffer size	128 MB
Transfer rate	120 MB/s (uncompressed), 230 MB/s (compressed), Variable 31 - 120 MB/s (LTO4 uncompressed)
Recording format	Ultrium LTO4
Interface	SAS 6Gb/s
Data transfer rate (burst)	300 MB/s
Device load / unload cycles	100,000
Cartridge load / unload cycles	100,000
Backwards compatible	Read/write compatibility with LTO3 Ultrium Read compatible with LTO2
Data compression	ALDZ-2
Data cassette	LTO 2,3,4 LTO 3,4 WORM
Data encryption	AES-256-Bit encryption

Reliability

MTBF	250,000 hours
Hard Read Error Rate	1×10^{-17}
Delivery and Media Link	http://docs.ts.fujitsu.com/dl.aspx?id=2201cb10-c310-461e-9920-0f1effa5ab03

Dimensions / Weight

Dimensions (W x D x H)	146 mm x 205 mm x 41 mm
Weight	1.6 K g

Environment

Operating ambient temperature	10 - 40 °C
Operating relative humidity	20 - 80 % (relative humidity, non-condensing)
Temperature note	Storage ambient temperature: -40 - 60°C Storage/transport relative humidity: 10 - 90 %

Electrical values

Rated current max.	12 W standby 26 W typical at 120 MB/s
Apparent power (max. configuration)	5 * 3.6 VA 12 * 1.1 VA

Compliance

Compliance notes	According to the corresponding system
Compliance link	https://sp.ts.fujitsu.com/sites/certificates

More information

Fujitsu products, solutions & services

In addition to FUJITSU Server PRIMERGY LTO-4HH Ultrium (F3626) V2, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

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More information

Learn more about FUJITSU Server PRIMERGY LTO-4HH Ultrium (F3626) V2, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <http://www.fujitsu.com/primergy>

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