

Data Sheet

FUJITSU Storage ETERNUS LT260 Tape System

Scalable and automated midrange tape library for up to 1 PB of data



ETERNUS LT TAPE STORAGE SYSTEM

The affordable Fujitsu Storage ETERNUS LT tape systems offer impressive scalability and reliability. Highly automated, simple and remote operation enables usage without any demand for local expert skills. ETERNUS LT systems feature LTO technology and are certified for market-leading backup and archiving software. Connectivity is given via the SAS or FC interface.

ETERNUS LT260

The ETERNUS LT260 LTO based tape library combines flexible scalability, exceptional storage density with excellent automated and remote management capabilities for the highly efficient handling of fast growing backup volumes. It can host 500 TB of compressed capacity in only 6U chassis which can be doubled by simply adding a second module. Each module has 80 slots and can be equipped with up to 6 drives for redundancy. ETERNUS LT260 can be split into a maximum of 6 partitions per unit serving different application environments in parallel. A graphical web interface and a high level of automation enables simple and remote operation without on-site experts.



Features & Benefits

Main Features	Benefits
Latest technology <ul style="list-style-type: none">■ Scalable from 80 to 160 slots by adding another unit■ Up to 6 LTO-5 or LTO-6 HH drives per unit in FC or SAS technology■ Up to 6 partitions per unit possible	<ul style="list-style-type: none">■ Easy upgrade to increase storage capacity and performance■ High investment protection■ FC technology provides high data throughput and scales down backup windows■ SAS interface allows flexible storage architectures at relatively low costs■ Build up independent libraries out of one system■ Makes it easier to separate different LTO generations and avoids undesired incompatible media loads■ Allows to serve different application environments in parallel
Many extras at no additional cost <ul style="list-style-type: none">■ Mail slot■ Barcode reader■ Remote management utility and user friendly operator panel	<ul style="list-style-type: none">■ Easy input and output of cartridges■ Short initialization time thanks to slot barcodes■ Easy administration, configuration and diagnostics from everywhere■ Automation helps to decrease the error rate of backup processes

Technical details

General system information

Minimum configuration	LTO-6, half height	LTO-6, half height	LTO-5, half height	LTO-5, half height
Tape system interface	Fibre Channel	SAS	Fibre Channel	SAS
Number of tape drives	6 HH / 12 HH			
Number of slots	80 - 160			
Max. data throughput nat./compr.	576 / 1,440 GB/hr		504 / 1,008 GB/hr	
Total capacity native	200 - 400 TB		120 - 240 TB	
Total capacity compressed	500 - 1,000 TB		240 - 480 TB	
Write/read speed	160 / 400 MB/s		140 / 280 MB/s	
Variable speed recording uncompr.	53 - 160 MB/s		44 - 140 MB/s	
Buffer size	512 MB		256 MB	
Recording format	Multiple track linear			
Maximum data rate	8 Gbit/s	6 Gbit/s	8 Gbit/s	6 Gbit/s
Media Capacity (uncompr./compr.)	2,500 GB / 6,250 GB		1,500 GB / 3,000 GB	
Backwards compatible	Read/write compatibility with LTO-5 Read compatible with LTO-4		Read/write compatibility with LTO-4 Read compatible with LTO-3	
Tape width	1/2 inch			
Encryption	possible			
Compression note	As used for storage capacity, one gigabyte (GB) = one billion bytes, and one terabyte (TB) = one trillion bytes. Compressed data assume a compression factor of 2 (LTO-4, LTO-5) or 2.5 (LTO-6). The compression factor depends on the data structure. Uncompressed at nominal capacity.			

Installation specification

19" rackmount	Yes
Dimension (W x D x H) - standard	480 mm x 893 mm x 265 mm (base and extension unit)
Height unit standard	6 U
Height Unit Maximum	12 U
Weight	48 kg (base unit), 46 kg (extension unit)
Ethernet Port (Mgmt)	1000/100/10 Mbit/s
Power voltage	AC 100 - 120 V / AC 200 - 240 V
Power frequency	50 / 60 Hz (+/- 5 %)
Power supply efficiency	89 % (80 PLUS silver)
Maximum Power Consumption	AC 100 - 120 V: 228 W (Six HH tape drives in write mode and robotic moves)
Maximum Power Consumption	AC 200 - 240 V: 231 W (Six HH tape drives in write mode and robotic moves)
Power phase	Single
Switched OFF mode	0.5 W
Unit ready (no tape loaded into drive)	60 W
Unit ready (no tape loaded into 2nd drive)	71 W
Write/read data	79 W (One HH tape drive)
Write/read data no robotic moves	79 W (One HH tape drive)
Write/read data with robotic moves	89 W (One HH tape drive)

Environmental

Maximum Heat Generation	AC 100 - 120 V: 475: kJ/h
	AC 200 - 240 V: 832: kJ/h

Environmental

Temperature (operating)	10 - 35 °C
Temperature (not operating)	-30 - 60 °C
Humidity (operating)	20 - 80 % (relative humidity, non-condensing)
Humidity (not operating)	10 - 90 % (non-condensing)
Altitude	3,000 m (10,000 ft.)
Sound pressure (LpAm)	62.5
Operating environment	FTS 04230 – Guideline for Data Center (installation specification)
Operating environment link	http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe

Compliance

Product safety	EN 60950-1, IEC 60950-1, UL 60950-1, CSA 60950-1
Electromagnetic Compatibility	EN 55022 Class A, EN 61000-3-3, EN 61000-3-2, ICES 003 Class A, FCC Part-15 Class A, VCCI Class A, AS/NZS CISPR22 Class A, CNS 13438
Electromagnetic Immunity	EN 55024
CE certification	2004/108/EC, 2006/95/EC, 2011/65/EC
Approvals	cNEMKOus, EAC
Environmental compliance	RoHS compliant, WEEE compliant
Compliance notes	There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request.
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates

Warranty

Service level	Onsite Service
Warranty Terms & Conditions	www.fujitsu.com/support
Maintenance and Support Services - the perfect extension	
Support Pack Options	Available in major business areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time 24x7, 4h Onsite Response Time
Recommended Service	24x7, Onsite Response Time: 4h
Service Lifecycle	5 years after end of product life
Service Weblink	www.fujitsu.com/services/product-services

Fujitsu OPTIMIZATION Services

In addition to Fujitsu ETERNUS LT260, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Build 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 offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu ETERNUS LT260, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/eternus

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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