

Data Sheet

Fujitsu ETERNUS LT20 S2

Economy System Ideal for Small Businesses and Branch Offices

ETERNUS LT TAPE LIBRARY SYSTEM

The affordable 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 LT20 S2

The ETERNUS LT20 S2 is ideal for small businesses and branch offices. It combines exceptional storage density and up to 50 TB of compressed capacity in a compact 1U form factor, giving room for unpredictable data growth. The system is equipped with standardized LTO technology providing high speed and low media costs.



Features & Benefits

Main Features	Benefits
Latest technology <ul style="list-style-type: none">■ Ultra-compact product with up to 8 slots and one LTO drive in a single height unit■ LTO-4 / LTO-5 / LTO-6 HH SAS technology■ LTO-4 / LTO-5 / LTO-6 HH drive with optional Fibre Channel interface	<ul style="list-style-type: none">■ Up to 50 TB (compressed LTO-6) in 1U■ SAS interface meets both enterprise and midrange/nearline storage requirements at relatively low costs, providing users and integrators with flexible storage architectures■ High data throughput of up to 8 Gb/s■ Smaller backup window is needed
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 a single cartridge■ Short initialization time thanks to slot barcodes, also with unoccupied data slots■ Automatism help to decrease the error rate of backup processes

Technical details

General system information

Basic configuration	LTO-6, half height	LTO-6, half height	LTO-5, half height	LTO-5, half height	LTO-4, half height	LTO-4, half height
Tape system interface	Fibre Channel	SAS	Fibre Channel	SAS	Fibre Channel	SAS
Number of tape drives	1 HH					
Number of slots	8					
Max. data throughput nat./compr.	576 / 1440 GB/hr	576 / 1440 GB/hr	504 / 1008 GB/hr	504 / 1008 GB/hr	288 / 576 GB/hr	288 / 576 GB/hr
Total capacity native	20 - 20 TB	20 - 20 TB	12 - 12 TB	12 - 12 TB	6.4 - 6.4 TB	6.4 - 6.4 TB
Total capacity compressed	50 - 50 TB	50 - 50 TB	24 - 24 TB	24 - 24 TB	12.8 - 12.8 TB	12.8 - 12.8 TB
Write/read speed	160 / 400 MB/s		140 / 280 MB/s		80 / 160 MB/s	
Variable speed recording uncompr.	53 - 160 MB/s		44 - 140 MB/s		33 - 80 MB/s	
Buffer size	512 MB		256 MB		128 MB	
Recording format	Multiple track linear					
Maximum data rate	8 Gbit/s	6 Gbit/s	8 Gbit/s	6 Gbit/s	4 Gbit/s	3 Gbit/s
Media Capacity (uncompr./compr.)	2500 GB / 6250 GB		1500 GB / 3000 GB		800 GB / 1600 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		Read/write compatibility with LTO-3 Read compatible with LTO-2	
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

Dimension (W x D x H) - standard	447.5 x 805 x 43.8 mm
Height unit standard	1 U
Weight	14 kg (incl. tape drive)
Power voltage	85 - 264 V (+/- 5 %)
Power frequency	50 / 60 Hz (+/- 5 %)
Maximum Power Consumption	85 - 264 V (+/- 5 %): 2 A (peak at power on)
Power phase	single
Switched OFF mode	0.5 W
Unit ready (no tape loaded into drive)	17 W
Write/read data no robotic moves	40 W
Write/read data with robotic moves	48 W

Environmental

Maximum Heat Generation	85 - 264 V (+/- 5 %): 180 KJ
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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)
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 CISPR 22 Class A, CNS 13438(C6357) Class A
Electromagnetic Immunity	EN 55024
CE certification	2004/108/EC, 2006/95/EC, 2011/65/EC
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.

Warranty

Standard Warranty	1 year
Service level	On-site Service (depending on country)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty/
Maintenance and Support Services - the perfect extension	
Recommended Service	7x24, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.
Service Weblink	http://www.fujitsu.com/fts/services/support

Fujitsu OPTIMIZATION Services

In addition to Fujitsu ETERNUS LT20 S2, 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 LT20 S2, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

www.fujitsu.com/fts/eternus_lt

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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