

Datasheet

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 and 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 HH / 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 up to three cartridges■ Short initialization time thanks to slot barcodes, also with unoccupied data slots■ Automatism help to decrease the error rate of backup processes

Technical details

Possible basic configurations	Number of MTC drives	Tape system interface
LTO-4, half height, SAS	1	SAS
LTO-4, half height, Fibre channel	1	Fibre Channel
LTO-5, half height, SAS	1	SAS
LTO-5, half height, Fibre channel	1	Fibre Channel
LTO-6, half height, SAS	1	SAS
LTO-6, half height, Fibre channel	1	Fibre Channel

General system information

Type	LTO-4 Half height	LTO-5 Half height	LTO-6 Half height
Total capacity native	6.4 – 6.4 TB	12 – 12 TB	20 – 20 TB
Total capacity compressed	12.8 – 12.8 TB	24 – 24 TB	50 – 50 TB
Write/read speed at write read head	80 / 160 MB/s	140 / 280 MB/s	160 / 400 MB/s
Variable speed recording uncompressed	33 – 80 MB/s	44 – 140 MB/s	53 – 160 MB/s
Buffer size	128 MB	256 MB	512 MB
Recording format	Multiple Track linear		
Maximum data	3 Gbit/s / 4 Gbit/s	6 Gbit/s / 8 Gbit/s	6 Gbit/s / 8 Gbit/s
Backwards compatible	Read/write compatibility with LTO3 Read compatible with LTO2	Read/write compatibility with LTO4 Read compatible with LTO3	Read/write compatibility with LTO5 Read compatible with LTO4
Data cassette	LTO 2,3,4 LTO 3,4 WORM	LTO 3,4,5 LTO 3,4,5 WORM	LTO 4,5,6 LTO 4,5,6 WORM
Capacity	800 GB (uncompressed) / 1,600 GB (compressed)	1,500 GB (uncompressed) / 3,000 GB (compressed)	2,500 GB (uncompressed) / 6,250 GB (compressed)
Bandwidth	1/2 inch	1/2 inch	1/2 inch
Hardware encryption	possible	possible	possible

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
Power voltage (V)	85 - 264 V (+/- 5%)
Power frequency (Hz)	50 / 60 Hz (+/- 5%)
Switched OFF mode	3.5 W
Unit ready (no tape loaded into 1 st drive)	32 W
Write/read data no robotic moves	55 W
Write/read data with robotic moves	59 W

Environmental

Temperature (Operating)	15 - 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

Compliance

Class A, CNS 13438(C6357) Class A

Electromagnetic ImmunityEN 55024

CE certification2004/108/EC, 2006/95/EC, 2011/65/EC

Environmental complianceRoHS 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.

More information

Fujitsu platform solutions

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

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure-as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing products

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

- PRIMERGY: Industry standard server
- SPARC Enterprise: UNIX server
- PRIMEQUEST: Mission-critical IA server
- ETERNUS: Storage system

Software

www.fujitsu.com/software/

- Interstage: Application infrastructure software
- Systemwalker: System management software

More information

Learn more about Fujitsu ETERNUS, please contact your Fujitsu sales representative, 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 resolve issues of environmental energy efficiency through IT. Please find further information at: www.fujitsu.com/global/about/environment/



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