

# Datasheet

## Fujitsu ETERNUS CS800 S3 Data Protection Appliance

Data Protection Appliance with deduplication



### ETERNUS CS Data Protection Appliance

The ETERNUS CS data protection appliances offer outstanding data protection for dynamic infrastructures. ETERNUS CS minimizes backup times and fulfills the recovery time objectives for all business critical environments.

By aligning tape, disk and advanced de-duplication technology into a controllable Information Lifecycle Management (ILM) strategy. Enterprise data protection can be flexibly aligned to different SLAs.

ETERNUS CS enables the consolidation of storage devices, to simplify your company's data protection administration. It saves energy, lowers total cost of storage, and makes efficient use of the most cost-effective technologies.

### ETERNUS CS800 S3

Fujitsu ETERNUS CS800 S3 is a data protection appliance optimized for back-up to disks. It radically reduces costs, through savings in required storage capacity of up to 95%, using leading de-duplication technology. It also protects data against disaster through replication.

As an integrated and optimized appliance ETERNUS CS800 S3 is far more easy to use, more efficient to operate and displays better results in de-duplication - compared with pure software solutions in combination with standard disk systems.



Main features	Benefits
<ul style="list-style-type: none"> <li>■ HIGH CAPACITY AND PERFORMANCE WHILE REDUCING COSTS</li> </ul>	<ul style="list-style-type: none"> <li>■ Maximum disk performance for better data protection</li> <li>■ Highest scalability from entry up to 160 TB</li> <li>■ Data de-duplication technology reduces disk requirements</li> </ul>
<ul style="list-style-type: none"> <li>■ IMPROVED AND AUTOMATED DISASTER RECOVERY PROTECTION</li> </ul>	<ul style="list-style-type: none"> <li>■ Remote encrypted replication with reduced network bandwidth</li> <li>■ Reduced media handling and easy administration</li> <li>■ Supports Symantec OpenStorage (OST) and Path-to-Tape</li> </ul>
<ul style="list-style-type: none"> <li>■ INTEGRATION INTO DYNAMIC INFRASTRUCTURES</li> </ul>	<ul style="list-style-type: none"> <li>■ Turnkey solution for easy and economical deployment</li> <li>■ Standard NAS or VTL interface for easy implementation and operation</li> </ul>

# Technical details

MODEL OPTION	NAS Entry	NAS Basic	NAS Performance	VTL
Capacity	4 or 8 TB	16 – 160 TB	32 – 160 TB	32 – 160 TB
Host Ethernet and Replication Interface	5 x 1GbE	7 x 1GbE	5 x 1GbE 2 x 10GbE	5 x 1GbE replication only
Fibre Channel Interface	-	-	-	4 x 8GbFC
Path-to-Tape		Symantec OST support of direct tape creation		Application specific
Path-to-Tape Interface	-	2 x 8GbFC (option)	2 x 8GbFC	included
NAS Backup Target	NFS and/or CIFS mount point			-
Shares (max)t	128	128	128	-
Partitions (max.)	-	-	-	64
Virtual Tape Dives (max.)	-	-	-	80
Virtual Cartridges (max.)	-	-	-	9000
Tape Drive Emulations	-	-	-	DLT7000, SDLT 320, SDLT 600, SLT-S4, LTO-1, LTO-2, LTO-3, LTO-4, LTO-5
Libraries Emulations	-	-	-	ADIC Scalar 24, Scalar 100, Scalar i500, Scalar i2000, Scalar i6000

## GENERAL SPECIFICATION

Performance (in-line-operation)	Up to 5.9 TB/h
Standard software included	Deduplication, Replication, Path-to-Tape
Supported application	For the detailed support matrix of operating systems and applications please contact your Fujitsu sales representative

## INSTALLATION SPECIFICATION

Dimension (W x D x H) - standard	483 x 770 x 86 up to 978 mm (19.05 x 30.31 x 3.54 up to 38.66 inches)
Height	2U up to 22U (1U = 44,45mm / 1.75 inches)
Weight	30 up to 375 kg (66 up to 825 lbs)
Power voltage (V)	AC 100 - 120 / 200 – 240
Power frequency (Hz)	50 / 60
Power consumption (W)	Min 600 / max 5900
Power phases	Dual

## ENVIRONMENTAL

Heat emission (BTU/h)	Min 2050 / max 20500
Heat emission (kJ/h)	Min 2100 / max 21600
Temperature (Operating)	15 - 35°C (59 - 95°F)
Humidity (Operating)	20 - 80 % (relative humidity, non-condensing)
Sound pressure (dB(A))	49 – 53
Operating environment	FTS 04230 – Guideline for Data Center (installation locations)
Operating environment Link	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe">http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe</a>

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### Maintenance and Support Services

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**The perfect extension to product specific base warranty - for optimized operation.**

Recommended Service: 24 x 7 Fujitsu support for enterprise class services.

Please check your specific service level with your FUJITSU sales organization or partner.

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### Standards Compliance

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Product safety	UL60950-1, CSA60950-1, EN60950-1, IEC60950-1, GOST
Electromagnetic Compatibility	FCC Part-15 Class A, ICES-003 Class A, EN55022 Class A, VCCI Class A, AS/NZS CISPR22 Class A, CNS13438(C6357) Class A, C-Tick, BSMI
Electromagnetic Immunity	EN 55024
CE certification	Electromagnetic Compatibility Directive 2004/108/EC, Low Voltage Directive 2006/95/EC
Environmental compliance	RoHS-compliant (Restriction of hazardous substances), WEEE-compliant (Waste electrical and electronically equipment)
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	Compliance Link: <a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a>

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# More information

## Fujitsu platform solutions

In addition to Fujitsu ETERNUS CS800 S3, 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/](http://www.fujitsu.com/global/services/computing/)

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

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

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

## More information

Learn more about Fujitsu ETERNUS CS800 S3, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website.  
[www.fujitsu.com/eternus/](http://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/](http://www.fujitsu.com/global/about/environment/)



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## Contact

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