FUJITSU

Data Sheet
FUJITSU Storage ETERNUS CS200c S3

All-in-one Backup Appliance Powered by Commvault®

ETERNUS CS Data Protection Appliances

ETERNUS CS data protection appliances radically simplify backup and archive infrastructures. ETERNUS CS200c is an all-in-one backup solution including the right-sized hardware, backup software and the necessary licenses for the various capacity requirements. ETERNUS CS800 is a one-for-all deduplication appliance working together with all the backup software suites. The unified data protection platform ETERNUS CS8000 enables storage professionals to completely consolidate the backup and archive infrastructure used in data centers.

ETERNUS CS200c S3

FUJITSU Storage ETERNUS CS200c is an all-in-one backup solution including the right-sized hardware, Commvault software and the necessary licenses for the various capacity requirements. It enables the hassle-free setup of a comprehensive backup and archiving environment and reduces the implementation time by up to 60%. The ETERNUS CS200c provides comprehensive functionality including backup, archiving, deduplication, disaster recovery, replication, snapshot, tape and cloud support.

The out-of-the-box solution splendidly suits for backup and archive data of business applications and virtualized environments and especially for all-in-one hyper-converged infrastructures.

Industry-leading Commvault software is perfectly aligned with Fujitsu system technology in order to deliver the right performance for the selected capacity range. Simple, cost-effective expandability enables future data growth and protects your investment.

Features & Benefits

Main Features	Benefits
Integrates correctly-sized system technology and leading data protection software	■ Easy and fast deployment, simple to purchase ■ Maximizes resources ■ Budget security
Backup, archiving and deduplication capabilities within one appliance	■ Managing the complete data lifecycle efficiently ■ Reduces network requirements and storage costs
Pre-loaded, pre-configured and scalable solution	■ Reduces project time and risks ■ Supports high data growth while providing investment protection

Key characteristics

ETERNUS CS200c – Data Protection in a box

■ The ETERNUS CS200c is a complete data protection infrastructure in a box. Using Commvault software the appliance serves as a standardized platform for the backup and archiving of data from physical and virtual environments. The solution is designed to meet customer demands for easy planning, deployment, operation as well as the requests for a unified backup solution across large or distributed enterprises. The ETERNUS CS200c offers a wide range of cost and performance-optimized models with multiple licensing options.

■ The appliance setup is easy thanks to the pre-loaded appliance image and automated deployment support. The central management console with GUI and remote access is used to track, index, schedule, and perform data transfer. The unified management makes backup administration and scheduling quite easy and eliminates multiple management points. It also reduces risks, cuts costs and frees up administration resources.

■ The ETERNUS CS200c is ideal for companies of all sizes looking for a data protection solution in a box, for consolidating backup infrastructures, for enterprises with branch offices/subsidiaries and for easy data backup in specific areas, such as VM environments (traditional, converged, hyper-converged), MS Exchange or Desktop/Laptop clients.

ETERNUS CS200c with integrated Appliance Software licensing

■ Licensed ETERNUS CS200c systems provide licensing for the data repository capacity. In contrast to traditional licensing schemes which require licensing and service for each client covered, the appliance provides flat licensing for an unlimited number of clients. The software maintenance service for all of these clients is covered by the appliances software service. This simplifies the planning and handling of changes during data protection operations. The licensing is available in two forms: Foundation and Advanced.

■ The Appliance Foundation Software installed on the ETERNUS CS200c is based on technology-leading Commvault software. It is closely coupled with powerful Fujitsu system technology. The appliance software includes an unlimited number of file system clients for virtual and physical systems. Modern backup, archiving and recovery capabilities protect ever-growing data volumes, efficiently manage information assets, and quickly find, recover and access data. The deduplication feature can be enabled at the source (client server) or the target (ETERNUS CS200c). The ETERNUS CS200c delivers native support for clouds supporting a RESTful interface. Additionally the appliance supports hardware snapshots of Fujitsu Storage ETERNUS DX arrays using ETERNUS Snapshot Manager. Application support of Windows, Linux/Unix, Oracle, and SAP applications as well as snapshot, snapshot replication, tape attachment are add-on functions.

■ The Appliance Advanced Software includes all of the standard features of the Appliance Foundation Software package, but adds application support for Windows, Linux/Unix, Oracle, and SAP applications. Snapshot, snapshot replication, and tape support are optional.

ETERNUS CS200c without license

■ The 'ETERNUS CS200c without license' is the best choice for existing Commvault environments. The system is pre-configured and pre-installed offering an easy and quick start-up. The appliance is available as entry and scale model with several capacity points.

■ Use this delivery model in combination with Commvault solution sets or standard Commvault software licensing. It is an easy way to quickly deploy new Commvault media agents that can be scale and performance-optimized into the existing environment.

Technical details

General Specification

	Entry		Scale	
Model	ETERNUS CS200c-S	ETERNUS CS200c-M	ETERNUS CS200c-SCC	ETERNUS CS200c-SCP
Capacity	1 - 6 TB	4 - 24 TB	6 - 132 TB	7.2 - 165 TB
Ethernet Ports	2 x 10 GbE RJ45	2 x 10 GbE RJ45	2 x 10 GbE MMF	2 x 10 GbE MMF
	4 x 1 GbE RJ45	4 x 1 GbE RJ45	4 x 1 GbE RJ45	4 x 1 GbE RJ45
Fibre Channel Ports		2 x 16 GbFC	2 x 16 GbFC	2 x 16 GbFC
SAS Ports (external)	8 x 12 GbSAS	8 x 12 GbSAS	8 x 12 GbSAS	8 x 12 GbSAS

Software

Appliance Software functions	Backup and Recovery Archiving Unlimited file clients, NAS clients and VMs Compression und Deduplication to Disk Primary and Secondary copy encryption Replication Cloud attachment
Appliance Software options	Application support, Snapshot, Snapshot replication, Tape attachment, Long-Term Retention

Installation specification

19" rackmount	Yes
Dimension (W x D x H) - standard	482.4 mm (Bezel) / 445 mm (Body) x 770 x 86.6 mm
Height Unit standard	2 U
Weight	up to 25 kg
Note	ETERNUS CS200c SCC max config: 6 HU / 70 kg ; ETERNUS CS200c SCP max config: 12 HU / 140 kg
Power supply	450W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 800W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 800W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 1200W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz; 110V range: 1000W, less than 110V: 900W

Environment

Temperature (operating)	5 - 45 °C (41 - 113 °F)
Sound pressure (LpAm)	Minimum noise : 33 dB(A) (idle) / 33 dB(A) (operating) Typical noise : 44 dB(A) (idle) / 44 dB(A) (operating)
Sound power (LWAd; 1B = 10dB)	Minimum noise : 5.6 B (idle) / 5.6 B (operating) Typical noise : 7.5 B (idle) / 7.5 B (operating)
Noise notes	Noise emissions depends on operation modes, system configuration and ambient temperature. Typical hardware configuration which is the base for measurement according to ISO 7779: 2x PSU 450W. 2x CPU Xeon E5-2630 v4 2.20 GHz, 4x RAM 8GB, HDD 2x 500GB SATA
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

Warranty

Warranty period	3 years
Warranty type	Onsite warranty
Warranty Terms & Conditions	www.fujitsu.com/support

Product Support Services - the perfect extension

Support Pack Options for HW-Services	Globally available in major business areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time 24x7, 4h Onsite Response Time
Support Pack Options for SW-Services	9x5, 4h Response Time 24x7, 4h Response Time
Recommended Service	24x7 Fujitsu support for enterprise class HW and SW services. SW-Services are mandatory.
Service Lifecycle	5 years after end of product life

Warranty	
Product Lifecycle Policy	http://docs.ts.fujitsu.com/dl.aspx?id=ec43eeed-a55d-4415-b8a5-8f22d1334e58
Service Weblink	www.fujitsu.com/services/product-services

Compliance	
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

Fujitsu OPTIMIZATION Services

In addition to Fujitsu ETERNUS CS200c S3, 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.

Computing Products

www.fujitsu.com/global/products/computing/

Software

http://www.fujitsu.com/software

More information

Learn more about Fujitsu ETERNUS CS200c S3, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/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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