FUJITSU

Data Sheet
FUJITSU Storage ETERNUS CS200c S4

Integrated Backup Appliance for the Digital World

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 licenses.
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 S4

The FUJITSU Storage ETERNUS CS200c Powered by Commvault® simplifies data protection and management in a single integrated solution for the digital world. Industry-leading software from Commvault is perfectly aligned with powerful Fujitsu system technology providing excellent features for business efficiency and continuity. The solution addresses the challenges in protecting business applications, virtualized, converged and hyper-converged environments and facilitates compliance with regulations.
The pre-loaded and pre-configured appliance enables the hassle-free setup of a comprehensive data protection environment and reduces the implementation time by 60 %. ETERNUS CS200c with the integrated Commvault software provides comprehensive functionality including backup, archiving, deduplication, disaster recovery, replication, snapshot, tape and cloud support to radically simplify data management across its lifecycle.

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
Protects a wide range of applications, virtual and hyper-converged infrastructures with a single integrated solution	■ Increases availability and recoverability meeting highest RTO/RPO demands ■ Cuts cost and downtime

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 broad range of models and 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 software license for physical and virtual environments
- Licensed ETERNUS CS200c systems provide licensing for the data repository capacity in steps of 1 TB. 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 Appliance 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. The integrated appliance software includes application support for Windows, Linux/Unix, VMware, Hyper-V, Oracle, and SAP applications.
- Optional features like hardware snapshot support for a wide of storage arrays including Fujitsu Storage ETERNUS DX and ETERNUS AF arrays, snapshot replication, and tape support complete the data protection features.

ETERNUS CS200c with integrated software license for virtual environments only
- The pre-installed licensing option for ETERNUS CS200c is an easy way to build, protect and optimize virtualized infrastructures. In contrast to point solutions that only back up virtual machines, the solution enables application owners and tenants to manage their own VM provisioning, management, backup, recovery, retirement and archiving operations through a single interface across various hypervisor platforms. These include Hyper-V, VMware, Red Hat, Citrix XenServer and more.
- The license is measured per socket or per virtual machine.

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.
- 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 into the existing environment.

Technical details

General Specification

	ECO	FLEX
Capacity (net usable)	8 TB	16, 24, 32, 48 TB
Ethernet Ports	3 x 1 Gbps 2 x 10 Gbps	3 x 1 Gbps 4 x 10 Gbps
Fibre Channel Ports		0 - 2 x 16 Gbps
SAS Ports (external)	8 x 12 Gbps	8 x 12 Gbps

Software

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

Installation specification

Dimension notes	482.4 mm (Bezel) / 445 mm (Body) x 770 x 86.6 mm
19" rackmount	Yes
Height Unit Rack	2 U
Weight	up to 25 kg
Power supply	450W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz	800W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz

Environment

Operating ambient temperature	5 - 45 ℃ (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=589915e9-1bf8-40f7-8ba4-7cac9371f2f0

Warranty

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

Product Related Services - the perfect extension

Service Contract Options for HW-Services	Available in major business areas: 24x7, 4h Onsite Response Time 9x5, 4h Onsite Response Time 9x5, Next Business Day Onsite Response Time
Service Contract 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
Service Weblink	www.fujitsu.com/fts/products/product-support-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	https://sp.ts.fujitsu.com/sites/certificates

Fujitsu OPTIMIZATION Services

In addition to Fujitsu ETERNUS CS200c S4, 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 S4, 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

Copyrights

Disclaimer