

# Flash-optimized petabyte storage for the data center

FUJITSU Storage  
ETERNUS DX8900 S4



## Storage unchained

Fujitsu Storage ETERNUS DX8900 S4 is the purpose-built platform for consolidating storage in data centers. Based on a multiple redundant and scale-out architecture, it provides modular scalability, leading performance headroom and relentless business continuity capabilities. The hardware accelerated data reduction technology and fully automated quality-of-service functions make ETERNUS DX8900 S4 ideal for the data management of business-critical core applications, not to mention burgeoning volumes of unstructured data. Various types of disk and flash drives can be combined flexibly to balance capacity, data access speed and cost for specific business needs. Designed to scale up to 140 PB of flash capacity, the system paves the way toward the full flash data center.



Two-dimensional scalability



Relentless business continuity

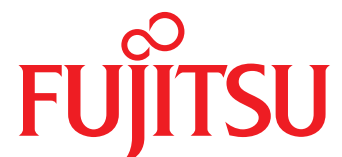


Engine for full flash transition



Unmatched storage system efficiency

shaping tomorrow with you



# The storage consolidation engine for the digital age



ETERNUS DX8900 S4 provides the flexibility needed to mix any combination of SSD and SAS drives when optimizing storage tiers for performance, capacity and cost for different workloads in all types of enterprise applications. The platform lets you consolidate workloads from enterprise applications such as OLTP, data-bases, ERP, data analytics and high-performance computing – as well as next-generation digital workloads such as internet of things, machine learning or virtual reality – on a single storage system.

## Two-dimensional scalability

- Scale-out architecture supports modular scalability of capacity and performance scaling from two up to 24 controllers
- Scalable up to a raw all-flash capacity of 140 PB
- Performance headroom of up to 10,000,000 IOPS



## Relentless business continuity

- Built-in multi-redundancy and enterprise-class resiliency
- Comprehensive disaster recovery capabilities through zero downtime migration, snapshots, remote mirroring or replication and transparent failover
- Seamless family architecture supports cost-efficient system failover and flexible disaster recovery between smaller ETERNUS DX or ETERNUS AF systems to ETERNUS DX8900 S4



## Engine for full flash transition

- ETERNUS DX8900 S4 offers full management compatibility with ETERNUS AF all-flash arrays, thus paving the way to a full-flash data center
- ETERNUS DX8900 S4 leverages NVMe Extreme Cache for accelerated read access to turbocharge performance
- ETERNUS DX8900 S4 supports extreme storage density by supporting latest 30 TB SSDs



## Unmatched storage system efficiency

- Consolidation of various workloads on one system without compromising performance and without administration effort
- Quality of Service (QoS) function: You only have to specify the required response times – the rest, like automatic CPU prioritization, bandwidth allocation and tiering, is done by the system itself
- Offloading compression from the controller to a dedicated advanced compression engine enhances performance up to a factor of six



## ETERNUS DX8900 S4 – Hardware specifications

|                       | ETERNUS DX8900 S4                   |
|-----------------------|-------------------------------------|
| Max. Raw Capacity SSD | 141,558 TB                          |
| Max. Raw Capacity HDD | 80,064 TB                           |
| Max. Disk Drives      | 6,912                               |
| Max. System Memory    | 18 TB                               |
| Host Interfaces       | 8/16/32 Gbps FC;<br>1/10 Gbps iSCSI |
| Management software   | ETERNUS SF software suite           |



→ Learn more about Business-Centric Storage: [bcs.global.fujitsu.com/](https://bcs.global.fujitsu.com/)

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