Fsas Technologies
a Fujitsu company

Data Sheet
ETERNUS EP300

High-performance storage, built for sustainable IT

ETERNUS EP
The ETERNUS EP generation is a next-generation all-flash storage solution for business-critical data, designed to deliver enterprise performance, high availability and simplified operations in a compact and efficient system. It enables organizations to manage growing data volumes, reduce complexity and ensure business continuity, while supporting energy efficiency and sustainability goals.

ETERNUS EP300
The compact and high-performance ETERNUS EP300 system delivers consistent all-flash performance combined with advanced efficiency and simplified operations, enabling optimal resource utilization and faster return on investment. It is ideally suited for consolidating modern workloads such as virtualization, enterprise databases, business-critical applications and analytics into a single, efficient platform.



Designed for demanding environments, the ETERNUS EP300 provides reliable performance and scalability while maintaining a compact footprint. Its architecture supports seamless integration into existing and hybrid IT landscapes, enabling organizations to modernize their storage infrastructure without disruption.

Advanced data services, including space-efficient snapshot technology, replication, automated resource optimization and built-in cyber resilience, ensure high availability, data protection and business continuity. Intelligent data reduction technologies further enhance storage efficiency.

With its energy-efficient Eco Power design, the ETERNUS EP300 reduces power consumption and CO_2 footprint, supporting sustainability goals while lowering operational costs. Altogether, this makes the ETERNUS EP300 an ideal storage solution for organizations seeking performance, efficiency and sustainable IT in one system.

Features & Benefits

Main Features	Benefits
Extreme Performance for Modern Workloads	■ Deliver ultra-low latency and high throughput to support data-intensive applications such as virtualization, databases and business-critical systems.
Enterprise-Grade Reliability and Availability	■ Ensure continuous access to data with a resilient architecture designed for mission-critical environments and consistent service levels.
Scalable Platform for Future Data Growth	■ Seamlessly scale capacity and performance as data volumes grow, supporting evolving workloads and long-term infrastructure expansion.
Efficient, Simplified and Sustainable Operations	■ Reduce complexity with streamlined management while lowering power consumption and operational costs through an energy-efficient design.

Technical details

General system information	
	Drive Tray NVMe2
No. of controllers	2
Max. no. of drive enclosures	2
Supported RAID levels	Dynamic Drive Protection (DDP)(3D+1P), Dynamic Drive Protection (DDP)(6D+2P,14D+2P)
Host Interfaces	Ethernet (100 Gbps) Fibre Channel (64 Gbit/s, 32 Gbit/s, 16 Gbit/s) iSCSI (25 Gbps, 10 Gbps [Copper], 10 Gbps [Optical])
No. of host interfaces	2-16(12) port [iSCSI (25Gbit/s, 10Gbit/s (Copper), 10Gbit/s (Optical))] 4-32(24) port [FC (64Gbit/s, 32Gbit/s)] 2-8 ports [Ethernet (100 Gbit/s)]
Min. - Max. no. of drives per DDP group	9-36 Dynamic Drive Protection (DDP) (6D+2P) 17-36 Dynamic Drive Protection (DDP) (14D+2P) 5-12 Dynamic Drive Protection (DDP) (3D+1P)
Mixed host interfaces	Yes
Max. no. of hosts	255
Maximum Storage Capacity SSD	4.32 PB
Max. System Memory	256 GB
Drive Type	NVMe SSD G4 (1.9TB / 3.8TB / 7.6TB / 15TB / 30TB / 60TB) QLC NVMe SSD G4 (15TB / 30TB / 60TB)
Max. no. of SSDs	72
Mixed 2.5 inch/ 3.5 inch drive enclosures	No
Drive interface	NVMe (16 Gbit/s)
Max. no. of LUNs	16,384
Max. LUN capacity	256 TB
Max. no. of logical volumes per system	16,384
Max. snapshots per LUN	1,024
No. of snapshots - max.	1048575
Max. no. of copy generations	1,024
Deduplication	for block
Compression	for block
Compatibility note	If and to the extent a list of components or certain compatibilities are specified in the product data sheet, these component lists and compatibility specifications are exhaustive. Using deviating or other system components and applications together with the product may but does not necessarily have to lead to compatibility problems. A final statement and/or commitment on the compatibility of such deviating or other system components and applications can only be provided after a corresponding verification through a dedicated compatibility testing.

Performance	
Sequential access performance	9.8GiB/s (256KB Read) 2.0GiB/s (256KB Write)
Note	To the extent that specific performance specifications for the product are indicated in the product data sheet, these are usually also dependent on the specific use and workload of the product and may therefore not be reached equally in all application situations. Such performance specifications thus do not represent a specifically agreed characteristic or feature of the product, but only serves as an orientation. The responsibility for a sufficient sizing of the overall system functionality lies solely with the user.

Performance management	
Quality of Service	Yes
Wide striping	Yes

Continuity management	
Storage Cluster	Yes
Remote Copy functionality	Synchronous and asynchronous

Continuity management	
Note	The product may in connection with and depending on the specific configuration include elements to support time- and performance-critical applications, however high availability (e.g., 99.9999%) and failsafe performance is not a standalone product feature. If and to the extent the product is to be used in such business-critical environments, it is within the sole responsibility of the user to set up the specific additional technical features (e.g., Storage Cluster), redundancies, and operational conditions as required to ensure such high availability or failsafe performance.
Information security management	
Data confidentiality	HTTPS (SSL/TLS), TLS 1.3 (default), TLS 1.2 (optional)
Data integrity	Data Encryption, Cache Protection, Disk Drive Patrol, Rebuild, Data Retention Utility
Note	The properties of the product provide a baseline for product security and therefore end-customer IT security. However, these properties are not sufficient on their own to protect the product from all existing threats, such as intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, please use the configuration options as available for the respective product. During operation, the IT security of this product is within the responsibility of the respective administrator/end-user of the product. Please note, that Fsas Technologies Inc. as a manufacturer does not make any policy prescriptions or advocacy statements regarding IT security best practices and/or general product operation.
Availability management	
Non-disruptive firmware upgrade	Yes
Hot part replacement	Yes
Capacity management	
Thin Provisioning	Yes
RAID migration	Yes
LUN online expansion w/o interruption	Yes
Reporting function	Yes
Hot part expansion	Yes
Non-disruptive firmware upgrade	Yes
Management	
Supported protocols	SNMP (version1, 2C, 3)
Administration	Web-based graphical user interface, CLI (Command Line Interface), REST API
Remote Support	Event notification (E-mail / SNMP / Syslog)
Installation specification	
19" rackmount	Yes
Dimension - per rack (W x D x H)	482.0 x 852.0 x 87.0 mm 19 x 33.5 x 3.4 inch
Weight	38.2 Kg
Power voltage	AC 200 - 240 V
Power frequency	50 / 60 Hz
Power supply efficiency	95%
Maximum Power Consumption	AC 200 - 240 V: 780W (800VA)
Power phase	Single
	Drive Tray NVMe2
Maximum Power Consumption	290W (305VA)
Environment	
Temperature (operating)	10 - 35 °C
Humidity (operating)	8 - 80 % (relative humidity)
Compliance	
Product safety	UL/CSA 62368-1, IEC 62368-1, EN 62368-1
Electromagnetic Compatibility	FCC Part-15 Class A, EN 55032 Class A, EN 61000-3-2, EN 61000-3-3
Electromagnetic Immunity	EN 55035
CE certification	2014/35/EU , Low Voltage Directive, 2014/30/EU, 2009/125/EC, ErP Directive;(EU) , EMC Directive 2014/30/EU, RoHS Directive (EU) 2011/65/EU, WEEE Directive 2012/19/EU, Battery Regulation (EU) 2023/1542
Environmental compliance	RoHS-compliant (Restriction of hazardous substances), WEEE (Waste electrical and electronical equipment)

Compliance	
Compliance notes	There is general compliance with the safety/EMC 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.

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

Product Support - the perfect extension	
Support Pack Options	Available in major metropolitan areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time (depending on country) 24x7, 4h Onsite Response Time (depending on country)
Recommended Service	24x7, Onsite Response Time: 4h
Service Lifecycle	at least 5 years after shipment, for details see https://support.eu.fsastech.com/
Service Weblink	https://support.eu.fsastech.com/

Fsas Technologies products, solutions & services

In addition to ETERNUS EP300, Fsas Technologies provides a range of platform solutions. They combine reliable Fsas Technologies products with the best in services, know-how and worldwide partnerships.

Fsas Technologies Portfolio
Built on industry standards, Fsas Technologies offers a full portfolio of datacenter hardware, software and related services. This allows customers to select alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Data Center Solutions
https://eu.fsastech.com/eu/

More information

Learn more about ETERNUS EP300, please contact your Fsas Technologies sales representative or Business partner, or visit our website.
https://eu.fsastech.com/eu/

Fsas Technologies sustainability policy

Our product portfolio is developed with a commitment to environmental responsibility. For detailed product environmental information, please visit: https://eu.fsastech.com/eu/about-us/sustainability/

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Disclaimer

Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering. The product was developed for normal business use.
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