

Server, Storage & Integrated Systems Product Family Guide

Your fast lane to PRIMERGY /
PRIMEQUEST servers,
ETERNUS storage and
Integrated Systems PRIMEFLEX

The Fujitsu logo, consisting of the word "FUJITSU" in a bold, red, sans-serif font, with a stylized infinity symbol above the letter "I".

shaping tomorrow with you



Servers for the data-driven world

FUJITSU x86 Servers



Rely on
quality

Watch now!



Rely on
efficiency

Watch now!



Rely on
agility

Watch now!



Rely on
integration

Watch now!



FUJITSU x86 Servers

The right computing solution for every purpose

FUJITSU Server systems provide the most powerful and flexible data center solutions for companies of all sizes, across all industries and for any type of workload. This includes expandable tower servers, versatile rack-mount servers and density-optimized multi-node servers as well as GPU servers. They offer compelling business-proven quality with a wide range of innovations, top efficiency that cuts operational costs and complexity, and they provide more agility in daily operations in order to turn IT into a business advantage more quickly.

Optimized x86 server portfolio to power any workload and business demand

Efficient operation and management of IT infrastructures and equipment



SMBs, edge, branches, office environments

Core business / demanding apps

HPC, cloud and technical computing

AI, data science, VDI, graphics and HPC workloads

Business and mission-critical environments



Robust and cost-efficient servers characterized by simple and quiet operations



Versatile rack servers with leading efficiency and performance



Modular and density-optimized servers to scale efficiently



GPU accelerated servers suited for advanced and futuristic workloads

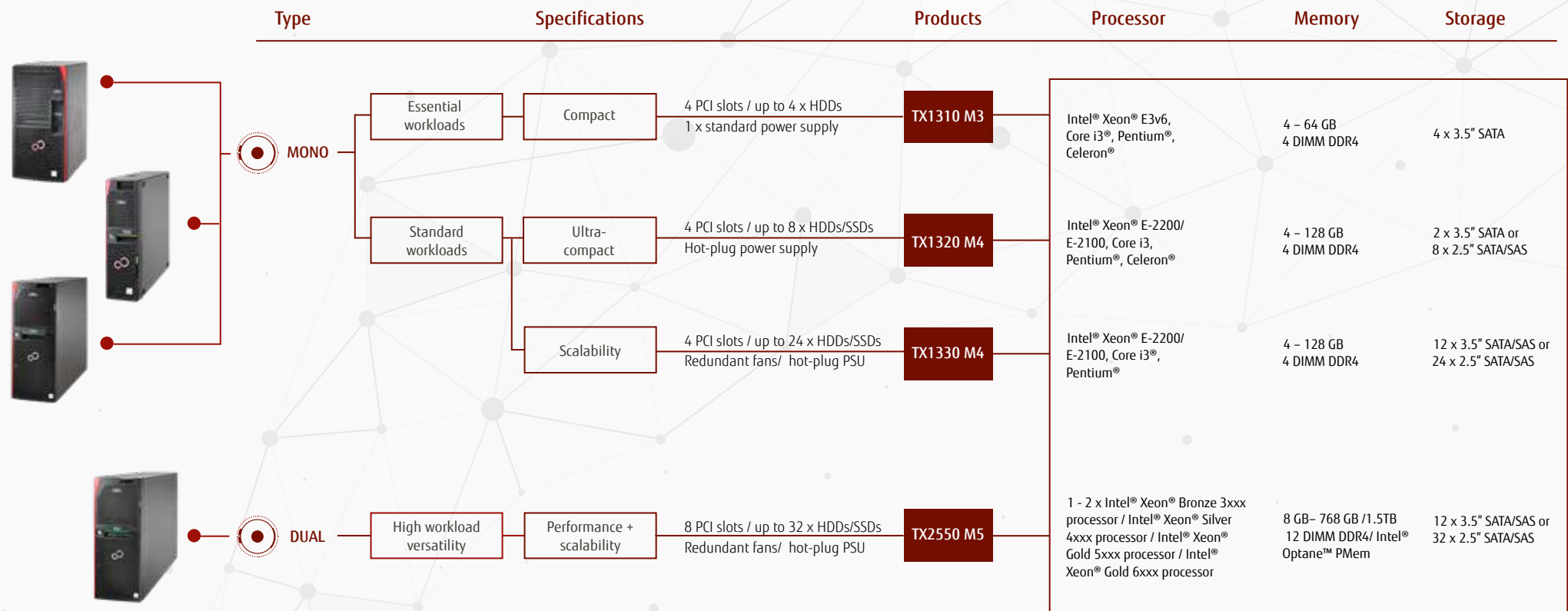


Business continuity for permanent data access and use cases such as in-memory computing

CUSTOMER-INSPIRED AND INNOVATIVE TECHNOLOGY IS INTEGRATED INTO EVERY FUJITSU PRIMERGY SERVER, OFFERING EXCEPTIONAL PERFORMANCE, EFFICIENCY AND RELIABILITY, FROM SMALL BUSINESS OFFICES TO ENTERPRISE DATA CENTERS AND HYPER-SCALE ENVIRONMENTS.







PRIMERGY TX Tower Servers

The PRIMERGY Tower Servers delivers rock-solid, efficient business value and are the ideal choice for small and medium businesses, and for branch operations. They're also super-simple to run, so you won't need a team of techies to keep your IT working the way it should. In addition, the right-sized tower portfolio also silent enough to run in the office, even on your desk. And should you change your setup later, it's good to know that nearly all PRIMERGY TX servers can also be rack-mounted.



PRIMERGY RX Rack Servers

PRIMERGY Rack Servers are versatile, rack-optimized servers providing best-in-class performance and energy efficiency. You can rely on these servers as the backbone of your IT operation, and easily scale them as you grow. Moreover, the PRIMERGY rack server portfolio is performance optimized for multi-application workloads to significantly increase the efficiency of IT operations and enable IT to respond to business needs of any size more quickly.

Type	Specifications	Products	Processor	Memory	Storage
 <p>MONO</p>	1U (3 x PCI slots, 10 x HDDs)	RX1330 M4	Intel® Xeon® E-2200/ E-2100, Core i3®, Pentium®, Celeron®	4 – 128 GB 4 DIMM DDR4	4 x 3.5" SATA/SAS or 10 x 2.5" SATA/SAS
     <p>DUAL</p>	<p>Height units / scalability</p> <p>2U / high 4 x PCIe slots, up to 24 x HDDs/SSDs</p>	RX2450 M1	2 x AMD EPYC™ 7002 series processor	256 GB - 2 TB 32 DIMM DDR4	24 x 2.5" SATA/SAS/PCIe
	<p>Essential performance</p> <p>Height units / scalability</p> <p>2U / high 6 x PCI slots, up to 24 x HDDs/SSDs</p>	RX2520 M5	1 - 2 x Intel® Xeon® Bronze 3xxx processor / Intel® Xeon® Silver 4xxx processor / Intel® Xeon® Gold 5xxx processor	4 – 768 GB 12 DIMM DDR4	12 x 3.5" SATA/SAS or 24 x 2.5" SATA/SAS
	<p>1U / high</p> <p>4 x PCI slots, up to 32 x SAS/SATA/NVMe/EDSFF</p>	RX2530 M6	1 - 2 x Intel® Xeon® Silver 43xx processor / Intel® Xeon® Gold 53xx processor / Intel® Xeon® Gold 63xx processor / Intel® Xeon® Platinum 83xx processor	8 GB – 10 TB 32 DIMM DDR4 / Intel® Optane™ PMem	4x 3.5" SAS/SATA/ or 8x/10x 2.5" SAS/SATA/NVMe or 32x EDSFF
	<p>Max. performance</p> <p>Height units / scalability</p> <p>2U / very high 8 x PCI slots, up to 28 x HDDs/SSDs</p>	RX2540 M6	1 - 2 x Intel® Xeon® Silver 43xx processor / Intel® Xeon® Gold 53xx processor / Intel® Xeon® Gold 63xx processor / Intel® Xeon® Platinum 83xx processor	8 GB- 12 TB 32 DIMM DDR4 / Intel® Optane™ PMem	12x 3.5" SAS/SATA or 24x 2.5" SAS/SATA/NVMe or 64x EDSFF
	<p>Max. memory expansion</p> <p>3U/ up to 11 PCI slots, up to 24 x 2.5" SAS/SATA/NVMe</p>	RX4770 M6	2 or 4 x Intel® Xeon® Gold 53xxH processors / Intel® Xeon® Gold 63xxH processors / Intel® Xeon® Platinum 83xxH processors	16 GB - 18 TB 48 DIMM DDR4 / Intel® Optane™ PMem	16 x 2.5" hot-plug 24 x 2.5" SAS/SATA/ NVMe

PRIMERGY Multi-Node and GPU Servers

PRIMERGY CX Multi-Node Servers

The PRIMERGY CX multi-node systems are the ideal basis for cloud, hyper-converged and high-performance computing solutions. They provide data centers as well as branch offices with massive computing power while at the same time delivering best economics for server density, energy consumption, heat optimization and lower overall operating costs.



Use cases	Specifications	Products	Processor	Memory	Details
<ul style="list-style-type: none"> VDI Virtualization Cloud Web services HPC Technical computing AI Deep learning 	Chassis 2U / up to 24 x 2.5" storage drives Redundant, hot-plug components	CX400 M6	-	-	4 bays for nodes Shared infrastructure
	Server Nodes Cloud/HPC-optimized server node	CX2550 M6	1 - 2 x Intel® Xeon® Gold 53xx processor / Intel® Xeon® Silver 43xx processor	8 GB - 4 TB 16 DIMM DDR4	up to 2x 2.5" HDD/SSD and 2x M.2 device per node
	Server Nodes All-around server node	CX2560 M6	1 - 2 x Intel® Xeon® Silver 43xx processor / Intel® Xeon® Gold 53xx processor	8 GB - 6 TB 24 DIMM DDR4/PMem	6 x 2.5" storage drives DynamicLoM + 2x PCIe, dedicated RAID + optional TPM

PRIMERGY GX GPU Servers

PRIMERGY GX servers are optimized for GPU performance and offer the reliability and cost-effectiveness of our PRIMERGY line to best fit your individual requirements. There is no need for compromise as GX servers are designed to excel at single/multi-GPU accelerated data-driven use cases such as artificial intelligence – especially machine (deep) learning, data science and analytics, VDI and graphics plus futuristic high-performance computing workloads.



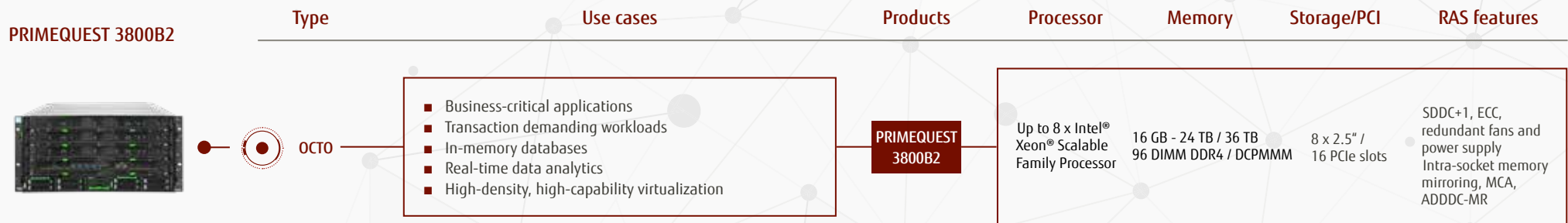
Type	Specifications	Product	Processor	Memory	Storage
DUAL	Up to 4 x NVIDIA® Tesla V100, V100S, T4 NVIDIA® Quadro RTX4000, RTX6000, RTX8000	GX2460 M1	2x 2nd Generation AMD EPYC™ processors	1TB memory with 16 x DDR4 RDIMM, LRDIMM (8 per CPU)	8 x SFF NVME/ SATA drives
	8 x 8x NVIDIA® A100 Tensor Core GPUs (A100 HGX platform)	GX2570 M6	2 x Intel® Xeon® Gold 63xx processor / Intel® Xeon® Platinum 83xx processor	512 GB - 2TB memory with 32 x DDR4 RDIMM (16 per CPU)	10 x 2,5" NVME/ SATA drives

FUJITSU Server PRIMEQUEST Systems

Fujitsu Server PRIMEQUEST systems offers unprecedented x86 performance and memory expandability for resource-intensive applications. By uniting the x86 industry standards with mission-critical features, PRIMEQUEST systems delivers availability levels similar to those of UNIX systems – but with the cost advantages of an x86-based architecture.

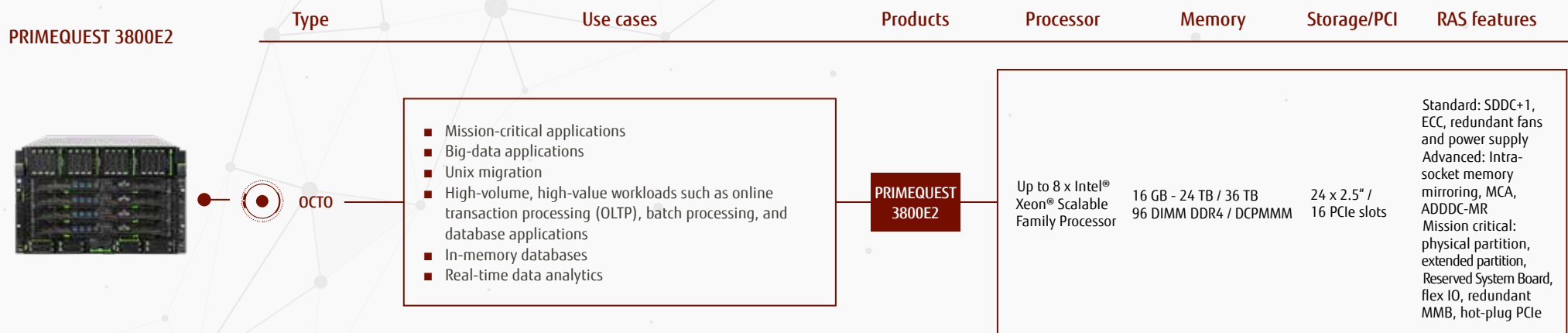
Superior performance and reliability for business-critical workloads with optimized economics

Featuring the latest Intel® Xeon® processor scalable family with up to 28 cores per processor and fastest available DDR4 memory modules with memory capacity of up to 24 TB (DDR4 only) or 36 TB with Intel® Optane™ DC persistent memory, the PRIMEQUEST 3800B2 significantly improves performance for in-memory databases such as SAP HANA® and real-time data analytics, thereby making it the right choice for the most complex business-critical workloads in big-data processing environments.



Redefining mission-critical server architecture

Featuring the latest Intel® Xeon® Platinum processors with up to 28 cores per processor and fastest available DDR4 memory modules with memory capacity of up to 24 TB (DDR4 only) or 36 TB with Intel® Optane™ DC persistent memory, the PRIMEQUEST 3800E2 improves performance for in-memory databases such as SAP HANA® and Microsoft SQL Server 2017, thereby making it the right choice for the most complex mission-critical workloads in big-data processing environments.



Fast track to a data-driven enterprise

FUJITSU Integrated
System PRIMEFLEX



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FUJITSU Integrated System PRIMEFLEX

Fast track to a data-driven enterprise

Building a data-driven enterprise is a complex process and rides on having a data-architecture foundation that enables companies to scale and adapt on the go. FUJITSU Integrated System PRIMEFLEX is a portfolio of holistic, modern infrastructure offerings that are predefined, preintegrated and pretested for easy and risk-free deployment and increased operational efficiency. The portfolio consists of a series of converged and hyper-converged infrastructure solutions, all of which are hybrid IT-enabled. It comprises ready-to-run solutions and reference architectures, which are easy to adapt to customer-specific requirements, simplifying operation and maintenance with end-to-end solution support from a single point of contact. The deployment and integration services also ensure a smooth integration into existing operation.

Virtualization and cloud

PRIMEFLEX for VMware vSphere

Converged infrastructure for deploying VMware vSphere-based infrastructure with external all-flash or hybrid storage from FUJITSU. It includes multiple configurations varying in size, scales from 2 up to 64 servers and can support 4,000+ VMs.

Computing: PRIMERGY RX
Storage: ETERNUS DX / AF
Network: Extreme networks
Optional: Broadcom FC switches

Software: VMware vSphere
Optional: VMware Horizon
Management: Fujitsu ISM

PRIMEFLEX for VMware vSAN

Hyper-converged system based on VMware software-defined server with storage technology delivered by the VMware HCI software stack. The system is available both as a ready-to-run appliance or in various flexible vSAN ReadyNodes configurations with pre-installed software scaling from 2 to 64 server nodes. The solution also includes configurations certified for SAP HANA.

Computing/storage: PRIMERGY RX / CX
Software: VMware vSphere, vSAN
Optional: VMware Horizon
Management: Fujitsu ISM

PRIMEFLEX for VMware cloud foundation

Hyper-converged system for deploying a VMware-based software-defined data center infrastructure. The system is available in various configurations from 4 to 240 server nodes.

Computing/storage: PRIMERGY RX
Network: Extreme networks
Software: VMware Cloud Foundation
Optional: VMware Horizon, vRealize
Management: Fujitsu ISM (optional)

PRIMEFLEX for Microsoft Azure Stack HCI

Hyper-converged system based on Microsoft software-defined server and storage technology integrated in Windows Server 2019. The system is available in various validated and certified configurations scaling from 2 to 16 server nodes.

Computing/storage: PRIMERGY RX
Software: Windows Server 2019 Datacenter Edition (Hyper-V and Storage Spaces Direct)
Optional: Microsoft System Center

FUJITSU Integrated System PRIMEFLEX

Fast track to data-driven enterprise

Virtualization and cloud

PRIMEFLEX for Nutanix Enterprise Cloud

A multi-hypervisor infrastructure, PRIMEFLEX for Nutanix Enterprise Cloud helps customers to eliminate complexity and risk in deploying a hyper-converged infrastructure based on the Nutanix Enterprise Cloud software stack. The solution also includes configurations certified on SAP HANA HCI.

Computing:	PRIMERGY
Hypervisor:	Choice of AHV or ESXi
Operating system:	Acropolis
Management:	Prism

SAP

As an SAP Global Partner for technology and services, Fujitsu provides enterprises with end-to-end support at the application and IT infrastructure levels, to implement and run SAP systems, including strategic consulting and developing business processes further.

PRIMEFLEX for SAP HANA

SAP-validated infrastructure solution for the SAP HANA® software. It is based on Fujitsu PRIMERGY and PRIMEQUEST servers optimized for in-memory technology. The complementary on-site services ensure fast and non-disruptive implementation and operation at the customer site.

Computing:	PRIMERGY and PRIMEQUEST
Storage:	ETERNUS / NetApp / TDI support (opt. for single node)
Network:	Broadcom, Cisco (multi-node only)
Software:	SUSE or Red Hat Linux; optional: VMware vSphere

PRIMEFLEX for SAP landscapes

Powered by FlexFrame Orchestrator management software, the setup of infrastructures optimized for SAP applications and databases is simplified and a more effective operation enabled. The predefined, preintegrated and pretested combination of servers, storage, network connectivity and software ensure the highest quality and fast time to value.

Computing:	PRIMERGY and PRIMEQUEST
Storage:	NetApp for shared image; ETERNUS / NetApp for database
Network:	Cisco
Software:	FUJITSU FlexFrame Orchestrator, SUSE Linux
Optional:	VMware vSphere, extension packs (e.g. from LNW Soft)

Helping organizations identify potential gaps across their heterogeneous database and SAP application environment using the following:

- >> FUJITSU inspection service for SAP solutions
With this hardware-agnostic solution, Fujitsu helps customers holistically in their data-driven intelligent enterprise journeys.
- >> SAP process automation
This solution helps optimize and automate SAP operations across organizations and ensures operational efficiency.

Data-centric Storage

FUJITSU ETERNUS Storage



Be ready
for what's
next

Watch now!



Transform
with flash

Watch now!



FUJITSU Storage Products

ETERNUS: Data-centric storage

In the storage area, you can rely on a well-synchronized portfolio: Data-centric storage at its best from a single provider with more than 50 years, experience in storage. Fujitsu provides ETERNUS online storage systems, ETERNUS LT tape libraries and ETERNUS CS data-protection appliances, which allow customers to flexibly manage their increasing data volumes with lower growth costs in order to benefit from a very reliable architecture as well from radically simplified operation.

FUJITSU Storage

All-flash and hybrid storage systems

Combining leading performance architecture with automated quality of service management the ETERNUS online storage provide powerful features for digital growth, efficiency and continuity.

Software-defined Storage

Software-Defined Storage (SDS) solutions from Fujitsu are specifically designed to manage explosive data growth, better support modern workloads and provide greater compatibility for multi-cloud environments.

Data-protection appliances

Data-protection appliances from Fujitsu simplify your backup and archive infrastructure and transform your IT landscape into a genuine enabler for digital business growth, efficiency and continuity.

Tape storage systems

The affordable ETERNUS LT tape systems offer impressive scalability and reliability. They meet SMB requirements, thwart cyberattacks, and are certified for market-leading backup and archiving software.

FUJITSU Storage ETERNUS

ETERNUS online storage family



Leading performance increases system utilization and consolidation resulting in a faster ROI.

SDS family



Share and control data across a multitude of locations and between different applications for broader business usage.

ETERNUS CS family



ETERNUS CS data-protection appliances radically simplify backup and archive infrastructures by aligning storage resources with business priorities.

ETERNUS LT family



Highly automated, simple and remote operation without any demand for local expertise.

FUJITSU ETERNUS Storage

Online storage made easy

ETERNUS AF all-flash arrays



ETERNUS DX hybrid storage systems



	Specifications	Product	Host interfaces	Functions		
NUMBER OF DRIVES	max. 24, 92 TB raw	AF150	8 x FC 16G / 8 x iSCSI 10G	ETERNUS SF Express		
	max. 264, 8,110 TB raw 40,550 TB effective *	AF250	8 x FC 32G / 16 x FC 16G / 8 x iSCSI 10G	All-in FlashPack (configuration, management and administration, local and remote copy, automated quality of service, deduplication and/or compression)		
	max. 1056, 32,440 TB raw 162,200 TB effective *	AF650	32 x FC 32G / 32 x FC 16G / 16 x iSCSI 10G			
REMOTE						
None	Connectivity / scalability	max. 4 host ports/ 96 drives (31 TB SSD / 768 TB HDD)	DX60	8 / 16 Gbps FC, 1 / 10 Gbps iSCSI, 6 / 12 Gbps SAS	RAID protection and redundancy; ETERNUS SF management software offers local advanced copy, thin provisioning	
	Required	Connectivity / scalability	max. 16 host ports/ 144 drives (4424 TB SSD / 2304 TB HDD)	DX100		8 / 16 / 32 Gbps FC, 1 / 10 Gbps iSCSI, 12 Gbps SAS, 1 / 10 Gbps Ethernet
		Connectivity / scalability	max. 16 host ports/ 264 drives (8110 TB SSD / 4224 TB HDD)	DX200		8 / 16 / 32 Gbps FC, 1 / 10 Gbps iSCSI, 12 Gbps SAS, 1 / 10 Gbps Ethernet
		Connectivity / scalability	max. 16 host ports/ 576 drives (17695TB SSD / 8890 TB HDD)	DX500		8 / 16 / 32 Gbps FC, 1 / 10 Gbps iSCSI, 1 / 10 Gbps Ethernet
		Connectivity / scalability	max. 32 host ports/ 1056 drives (32440 TB SSD / 16570 TB HDD)	DX600		8 / 16 / 32 Gbps FC, 1 / 10 Gbps iSCSI, 1 / 10 Gbps Ethernet
		Connectivity / scalability	max. 64 host ports / 2304 drives (70779 TB SSD / 36211 TB HDD)	DX900		8/ 16/ 32 Gbps FC, 1 / 10 Gbps iSCSI
		Connectivity / scalability	max. 384 host ports/ 6912 drives (141558 TB SSD / 106560 TB HDD)	DX8900		8 / 16 / 32 Gbps FC, 1 / 10 Gbps iSCSI
ETERNUS SF at a glance						
RAID protection, encryption and redundancy; ETERNUS SF management software offering local advanced copy, transparent failover, automated storage tiering, automated quality-of-service, thin provisioning, deduplication and/or compression on volume base						

ETERNUS SF: Flexible data management

The ETERNUS SF storage management software is the uniform management solution for the entire ETERNUS AF and ETERNUS DX series. All essential operations for storage resource management, monitoring, reporting, tiered storage, performance management, disaster resilience and business continuity are integrated. The uniform management for the entire storage infrastructure covers all ETERNUS AF all-flash and ETERNUS DX hybrid storage systems, from entry-level through the enterprise as well as virtualized server infrastructures.

- Management of all infrastructure devices based on a unified view
- Visualization of the relations between storage, network and physical servers or virtual servers
- Early detection and elimination of performance issues through performance monitoring
- Reduced initial system infrastructure through thin provisioning
- Support for incident management
- Hardware investment optimization through automated storage tiering
- Reduced storage system power consumption
- Central management for local and remote replication
- Enhanced business continuity with transparent failover
- Automated quality-of-service management

* Calculation based on deduplication/compression factor of five

FUJITSU ETERNUS Storage

Online storage made easy

ETERNUS AB



Specifications	Product	Host interfaces	Functions
max. 96, 1469TB, 825k IOPS	AB2100	4/8/16/32Gbps FC / 10/25Gbps iSCSI / 12Gbps SAS	<ul style="list-style-type: none"> ■ Performance <ul style="list-style-type: none"> • End-to-end NVMe • Container microservices • Secondary cache ■ Reliability <ul style="list-style-type: none"> • Encrypted drives • Authentication key management • Data guarantee • Data protection • Snapshot, mirroring and copy ■ Flexibility <ul style="list-style-type: none"> • Storage virtualization • REST API • Cloud backup • Multiple drive sizes
max 120, 1836TB, 1M IOPS	AB5100	4/8/16/32Gbps FC / 32Gbps NVMe over FC / 10/25Gbps iSCSI / 100Gbps IB / 100Gbps NVMe over InfiniBand / 100Gbps NVMe over Ethernet / 12Gbps SAS	
max 24, 367TB, 2M IOPS	AB6100	8/16/32Gbps FC / 32Gbps NVMe over FC / 100Gbps NVMe over InfiniBand / 100Gbps NVMe over Ethernet	

ETERNUS HB



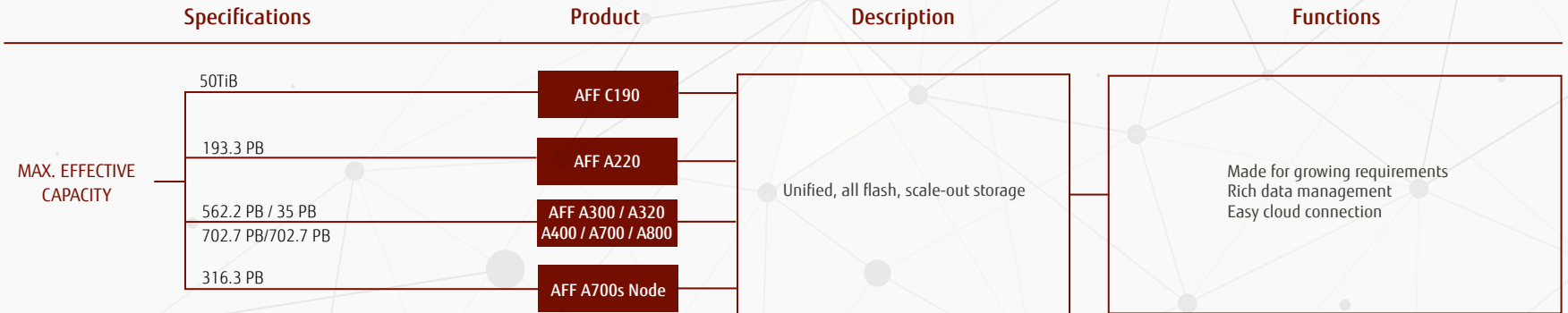
Specifications	Product	Host interfaces	Functions
max 24, 13TB SSD / 288TB HDD	HB1100	4/8/16Gbps FC / 10Gbps iSCSI	<ul style="list-style-type: none"> ■ Performance <ul style="list-style-type: none"> • End-to-end • Containers and microservices • Secondary cache ■ Reliability <ul style="list-style-type: none"> • Encrypted drives • Authentication key management • Data guarantee • Data protection • Snapshot, mirroring and copy ■ Flexibility <ul style="list-style-type: none"> • Storage virtualization • REST API • Cloud backup • Multiple drive sizes
max. 48, 122TB SSD / 86TB HDD	HB1100		
max 156, 1120TB SSD / 3072TB HDD	HB2100	4/8/16/32Gbps FC / 10/25Gbps iSCSI / 12Gbps SAS	
max 168, 1468TB SSD / 2,155.2TB HDD	HB2200		
max 180, 1133TB SSD / 3072TB HDD	HB2300		
max 192, 1836TB SSD / 6,732TB HDD	HB5100	4/8/16/32Gbps FC / 32Gbps NVMe over FC / 10/25Gbps iSCSI / 100Gbps IB / 100Gbps NVMe over InfiniBand / 100Gbps NVMe over Ethernet / 12Gbps SAS	
max 480, 1562TB SSD / 5760TB HDD	HB5200		

* Calculation based on deduplication/compression factor of five

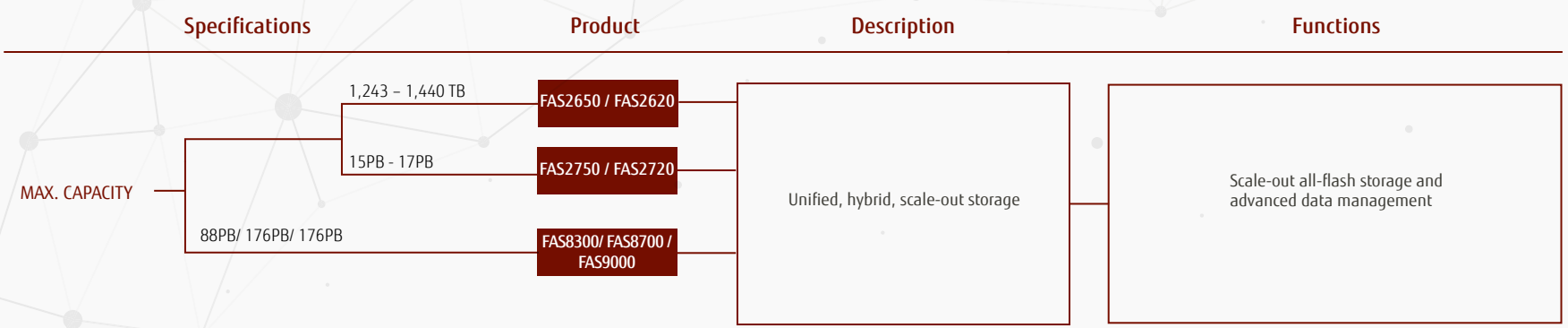
High Performance Partnership

Fujitsu and NetApp

NetApp All-Flash



NetApp FAS hybrid storage



FUJITSU ETERNUS Storage

Software-defined storage made easy

SOFTWARE-DEFINED STORAGE

Architecture

Data access

Product

Main use cases

Highlights

SCALE-OUT /
SCALE-ACROSS

FILE STORAGE

QUMULO FILE
DATA PLATFORM

- File share
- Video surveillance
- Analytics
- Hybrid data centers
- xSP
- HPC

- All-NVMe cluster (option)
- Automation/ REST APIs
- Real-time analytics
- Tens of billions of files (of any file size)
- Flash-first architecture



FUJITSU ETERNUS storage

Data protection made easy

ETERNUS CS800 backup appliance

Specifications	Product	Key feature	Data protection functions	Usability
Usable capacity after data reduction	11-23 TB	CS800 ENTRY/Scale	Deduplication	Disk-based backup and recovery, replication, path-to-tape, multiprotocol support (NAS, VTL, OST), backup target in the cloud
	11-315 TB			
	51-1020 TB			
				Easy setup in just a few steps, automated operation, simple user interface for maintenance and analytics

ETERNUS CS8000 Central storage for backup, archive, second-tier and object data



Specifications	Product	Backup	Archive
Branch-office backup	CS8050	VTL, VTL with dedup 14 TB (up to one back-end tape library)	NAS protocol for CS8050 only with dedicated CS8050 NAS model (see archive appliance)
Scale-up backup	CS8200	VTL, VTL with dedup 19 TB-6 PB (up to 10 back-end tape libraries)	NAS (NFS / CIFS), object 19 TB-6 PB
Scale-up archive			
Scale-out backup and/or archive	CS8400 / CS8800	VTL, VTL with dedup, NAS (NFS or CIFS), object 19 TB-96 PB (up to 10 back-end tape libraries)	

ETERNUS CS8050 NAS archive appliance



Specifications	Product	Description	Data protection functions	
Usable capacity	28, 42, 56, 70 TB	CS8050 NAS	Reliable, cost-efficient storage appliance for archiving and second-tier file storage	Archiving; integrated, snapshot-based backup; recovery; replication; SoftWORM

ETERNUS LT tape storage systems



Specifications	Product	Interface	Max. drives	Description	
8 slots / up to 96 TB	LT20 S2	SAS or FC	1	LTO 6/ LTO 7/ LTO 8 drive with 20 TB (LTO-6) or 48 TB (LTO-7) or 96 TB (LTO 8) capacity native	
No. of slots / max. capacity (native)	20 - 280 slots / up to 3360 TB	LT140	SAS or FC	21	LTO 6/ LTO 7/ LTO 8 drive with 700 TB (LTO-6) or 1680 TB (LTO-7) or 3360 TB (LTO 8) capacity native
	80 - 560 slots / up to 6720 TB	LT260	SAS or FC	42	LTO 6/ LTO 7/ LTO 8 with 1400 TB (LTO-6) or 3360 TB (LTO-7) or 6720 TB (LTO 8) capacity native

FUJITSU ecosystem with partners

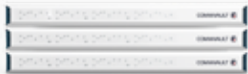
Data protection made easy

Fujitsu reference architecture



	Specifications	Product	Description	Data-protection functions
Usable capacity	48 - 336 TB per node	Reference architecture for Commvault HyperScale™ Software	Fully-tested, easy-to-set-up solution based on FUJITSU Server PRIMERGY to protect data in physical, virtual or cloud-based data centers	Backup and recovery, deduplication, compression, encryption, archiving, application support, snapshot, replication, tape and cloud backup

Commvault appliance



	Specifications	Product	Description	Data Protection Functions
Usable capacity	4.5, 14.5 TB	RO1100	Integrated backup appliance based on FUJITSU server PRIMERGY for remote/branch offices	Backup and recovery, deduplication, compression, encryption, archiving, application support, snapshot, replication, tape and cloud backup
	29, 43, 58, 87 TB	HS1300	All-in-one backup appliance based on FUJITSU server PRIMERGY. It provides mid-sized to large environments with a customizable, self-contained solution for professional backup	
	174, 262 TB	HS3300		

Veritas NetBackup appliance



	Specifications	Product	Description	Data-protection Functions
Usable capacity	250 TB	NBU Virtual Appliance	Simplified remote office protection for virtual environments by leveraging existing hardware infrastructure	Backup and recovery, deduplication, compression, encryption, archiving, application support, snapshot, replication, tape and cloud backup
	10 - 442 TB	NBU 5250	All-in-one backup appliance provides midsized-to-large environments with a customizable, self-contained solution for professional backup	
	120 - 1920 TB	NBU 5340		

Commvault data platform

Simplifies an IT organizations, ability to manage data across its lifecycle with integrated modules for backup and recovery, archive, replication, analytics and more. Commvault HyperScale™ software is a powerful, cloud-ready solution bringing scale-out infrastructure to the Commvault data platform.

Veritas NetBackup

Simplifies the protection of your information-driven enterprise by automating advanced technologies and standardizing operations across applications, platforms and virtual environments.

Veritas EnterpriseVault

The industry's most widely deployed archiving solution, is a platform that bridges the gap between a company's legal department and IT by adding intelligence to the way organizations store, manage and discover information.

How Fujitsu
helps you to keep
everything
running smoothly



Severity	Title	Type	Message ID	Make Name	Severity	Description
Error	August 5, 2016 3:30:18 PM	sys event	SCEN000A			Since the start of the operation, the operation of the system has been completed.
Info	August 5, 2016 3:30:18 PM	System/Service operation complete	MSR0000	MSR0000		Since the start of the operation, the operation of the system has been completed.
Error	August 5, 2016 3:30:18 PM	sys event	SCEN000A			Since the start of the operation, the operation of the system has been completed.
Info	August 5, 2016 3:30:18 PM	System/Service operation complete	MSR0000	MSR0000		Since the start of the operation, the operation of the system has been completed.
Info	August 5, 2016 3:30:18 PM	System/Service operation complete	MSR0000	MSR0000		Since the start of the operation, the operation of the system has been completed.

FUJITSU Software Infrastructure Manager (ISM)

The holistic approach for simplifying data center management

The FUJITSU Software Infrastructure Manager (ISM) is a converged data center management solution that provides organizations centralized control over the entire infrastructure, includes servers, storage, networking and cloud management software as well as power and cooling using a single user interface.

FUJITSU Software Infrastructure Manager

Product highlights include:

1. Converged management: Simplified IT operations and consistent management across server, storage and networking
2. Increased agility: Intuitive software providing actionable insights leading to reduced customer response time
3. Accelerated growth and innovation: Streamlined delivery of IT services to speed the transition to hybrid cloud

Designed the way people work, ISM provides an integrated view and centralized control over heterogeneous environments.

Control IT – centralized, easy, efficient

- Node management
- Health status monitoring and control
- Capacity/threshold management
- Power management

Dynamize IT – simple, sophisticated, efficient

- Converged management
- Auto discovery
- Virtual-I/O management
- Network topology management

Maintain IT – in any state, at any place

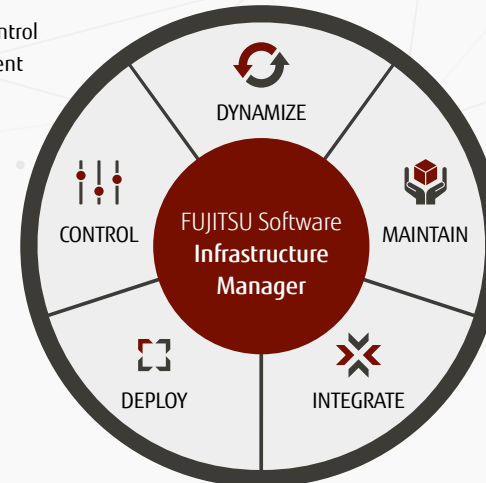
- Remote management
- Update management
- Logging and auditing

Deploy IT – fast, easy, reliable

- Automated device configuration
- Mass OS installation

Integrate IT – seamless, manageable, uniform

- in enterprise management
- in vendor-specific management
- Monitoring of third-party platforms



ISM offers flexible options to meet different business needs

ISM Advanced

- Fully-featured advanced version that provides infrastructure management across multiple data centers
- Also monitors third-party vendor devices in addition to integrating into VMware, Microsoft System Center, and Ansible environments.

ISM Essential

- Provides a quick start to efficient infrastructure management with converged monitoring and management capabilities free-of-charge
- Provides an easy upgrade path to ISM Advanced license

FUJITSU Software Infrastructure Manager (ISM)

The holistic approach for simplifying data center management

Servers-storage-networking

ISM Advanced

DEPLOY

- Automated device configuration
- Mass OS installation

CONTROL

- Node management
- Health status
- Event management
- Capacity/threshold mgmt.
- Group power capping
- Power consumption
- Inventory management

MAINTAIN

- Update management
- Firmware baseline
- Logging and auditing
- Performance management
- Archive management

DYNAMIZE

- Dashboard
- Auto discovery
- Virtual-I/O management
- Network topology management

INTEGRATE

- In enterprise mgmt.
- In vendor-specific management
- In third-party platforms (monitoring only)

ISM Essential is a standard version of ISM, providing essential monitoring and update capabilities

ISM Essential

CONTROL

- Node management
- Health status
- Event management
- Capacity/threshold mgmt
- Power consumption
- Inventory management

MAINTAIN

- Update management
- Logging and auditing
- Performance management

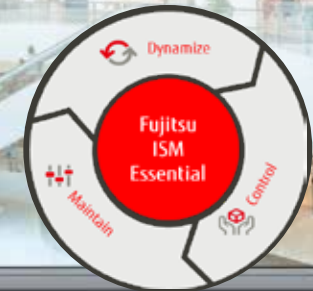
DYNAMIZE

- Dashboard
- Auto discovery

Get started with ISM Essential:

>> Download for free

www.fujitsu.com/global/products/computing/servers/infrastructure-management/index.html#highlight



Upgrade option available

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