



Data Center Product Family Guide

Your fast lane to PRIMERGY, PRIMEQUEST Server, ETERNUS Storage and PRIMEFLEX Integrated Systems



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Servers for the data-driven world

Fujitsu x86 Servers

Rely on our servers for quality, efficiency, agility, and seamless integration. Experience uninterrupted operations, accelerated workloads, and strategic advantages for your business.



Quality







Fujitsu x86 Server

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.



Cloud and Technical Computing GenAl Core Business Large databases Graphics and HPC Office environments VDI SMB's Edge Branches Demanding Apps SAP S/4HANA

PRIMERGY TX Tower Server



PRIMERGY tower servers deliver rock-solid, efficient business value and are the ideal choice for small and medium-sized businesses and branch operations.

They're also super **easy** to run, so you don't need a team of techies to keep your IT running the way it should.

In addition, the right-sized tower portfolio is **silent** enough to run in the office, even on your desk. And if you want to change your setup later, it's good to know that almost all PRIMERGY TX servers can also be **rack-mounted**.

PRIMERGY TX Tower Server

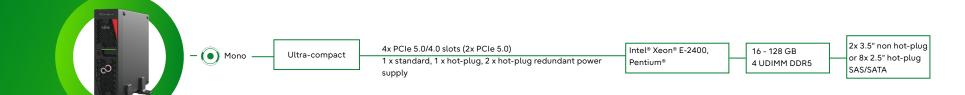
Products

Type Specifications Processor Memory Storage

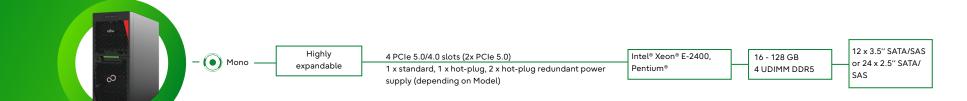
TX1310 M5



TX1320 M6



TX1330 M6



TX2550 M7



PRIMERGY RX Rack Server



PRIMERGY rack servers are **versatile**, **rack-optimized** servers that deliver **best-in-class performance** and **energy efficiency**.

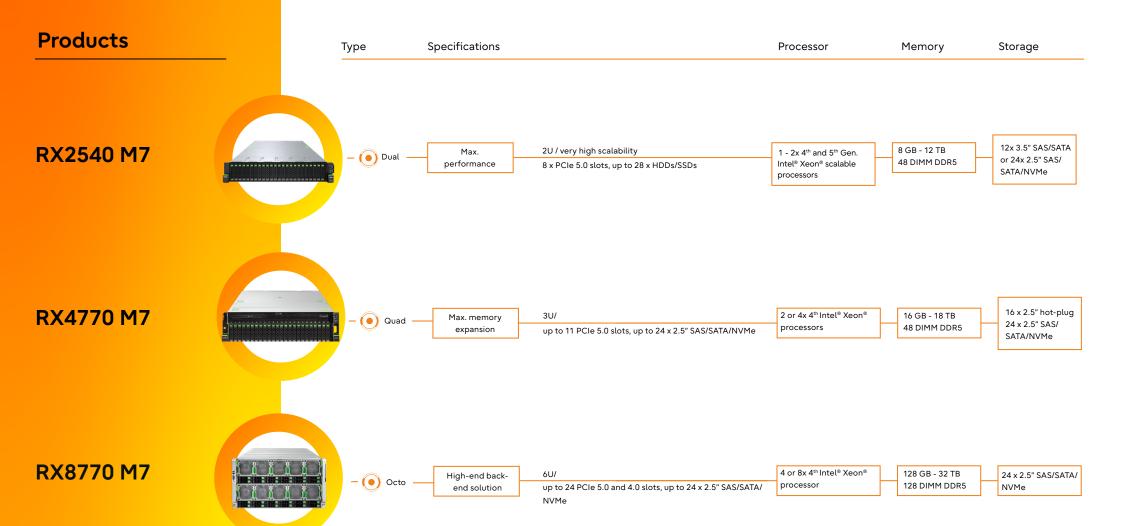
You can rely on these servers as the **back-bone of your IT operations** and easily scale them as you grow.

In addition, 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 more quickly to business needs of any size.

PRIMERGY RX Rack Server

Products Specifications Memory Storage Type Processor 4/8 x 2.5" hot-plug **RX1330 M6** Intel® Xeon® E-2400, Ideal performance & 16 GB - 128 GB SATA/SAS or 4x 3.5" Pentium® 4 UDIMM DDR5 hot-plug or 10 x 2.5" cost mix 1x standard power supply hot-plug SATA/SAS 1x or 2x hot-plug power supply Up to 10x 2.5-inch RX1440 M2 1x AMD EPYC™ 9004 16 GB - 6 TB SATA/SAS/NVMe Powerful - 🌘 Mono 4 DIMM DDR4 compact server 3x HHHL PCIe slot + 2x OCPv3 series processor upgrade kit + 3x or 2x 2.5-inch rear bays 2x FHHL PCIe slot + 2x OCPv3 4x 3.5" SAS/SATA/ or 1 - 2x 4th and 5th Gen. 8 GB - 10 TB RX2530 M7 — (Dual 4 x PCIe 5.0 slots, up to 32 x SAS/SATA/ Intel® Xeon® scalable 32 DIMM DDR5 8x/10x 2.5" SAS/SATA/ performance processors NVMe/EDSFF 6x 2.5-inch hot-plug SAS/SATA HDD/SSD rear option or 4x 2.5-inch 2x AMD EPYC™ 9004 2U / 6x PCIe slot + 1x OCPv3 slot 16 GB - 6 TB Performance & RX2450 M2 hot-plug PCIe SSD via ----series processors 24 DIMM DDR5 4x PCIe slot(LP) + 4x PCIe slot(FH) + 1x security retimer or 4x 2.5-inch OCPv3 slot hot-plug PCIe SSD via 1x EPxxxi NVMe

PRIMERGY RX Rack Server



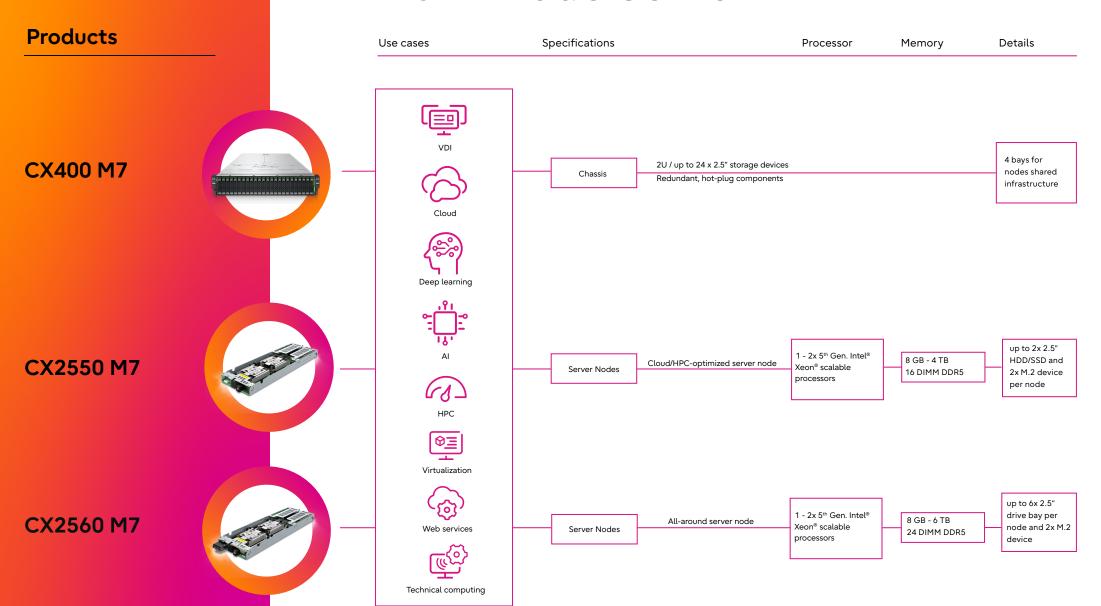
PRIMERGY CX Multi-Node Server



PRIMERGY CX multi-node systems are the ideal foundation for **cloud**, **hyperconverged** and **high performance** computing solutions.

They provide data centers and branch offices with massive computing power while delivering the best economics in terms of server density, power consumption, thermal optimization and lower total cost of ownership.

PRIMERGY CX Multi-Node Server

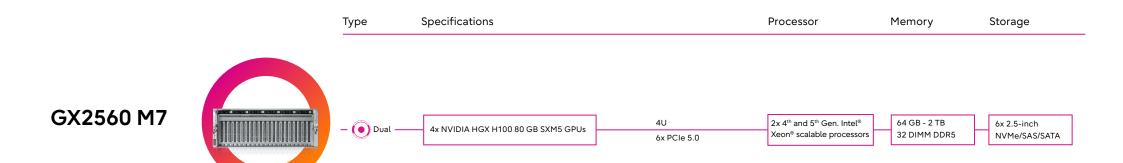




PRIMERGY GX Workload-Optimized Server

PRIMERGY GX servers are optimized for GPU performance and offer the **reliability** and **cost-effectiveness** of our PRIMERGY line to best suit your individual requirements.

There is no **need to compromise** as GX servers are designed to excel in single/multi-GPU accelerated data-driven use cases such as artificial intelligence - especially Generative AI with LLM, data science and analytics, VDI and graphics, as well as future high performance computing workloads.



Fujitsu PRIMEFLEX Integrated System

Fast track to a data-driven enterprise

Simple, fast, minimized risk and reduced cost



Fujitsu PRIMEFLEX Integrated System





Building a data-driven enterprise is a complex process that requires a solid data architecture foundation.

This foundation enables companies to scale and adapt quickly. Fujitsu Integrated System PRIMEFLEX offers a portfolio of holistic, modern infrastructure offerings that are predefined, pre-integrated, and pre-tested for easy and risk-free deployment, as well as increased operational efficiency.

The portfolio comprises converged, hyper-converged, and hybrid IT infrastructure solutions that can be easily tailored to meet customer-specific needs. This simplifies operation and maintenance, with end-to-end solution support from a single point of contact. Deployment and integration services also ensure seamless integration into existing operations.

Fujitsu PRIMEFLEX Integrated System

Fast track to a data-driven enterprise

Virtualization and cloud

PRIMEFLEX for VMware vSphere

Converged infrastructure for deploying VMware vSpherebased 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.

Software:

Optional:

Management:

VMware

vSphere

VMware Horizon

Fujitsu ISM

Compute: PRIMERGY RX

Storage: ETERNUS DX / AF

/ AB / HB

Network: Juniper networks

Optional: Broadcom FC

switches

PRIMEFLEX for Nutanix Enterprise Cloud

As 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.

Computing: PRIMERGY XF

Hypervisor: Choice of AHV or ESXi

Operating system: Acropolis Management: Prism

PRIMEFLEX for VMware

Hyper-converged system based on VMware softwaredefined server and storage technology delivered by the VMware HCI software stack. The system is available in various flexible vSAN ReadyNodes configurations with pre-installed software scaling from 2 to 64 server nodes.

Compute/storage: PRIMERGY RX / CX Software: VMware vSphere, vSAN Optional: VMware Horizon

Management: Fujitsu ISM

PRIMEFLEX for Microsoft Azure Stack HCI

Hyper-converged system based on Microsoft softwaredefined server and storage technology integrated in Microsoft's Azure Stack HCI operating system. The system is available in various validated and certified configurations scaling from 2 to 16 server nodes.

Computing/storage: PRIMERGY RX / TX

Operating System: Azure Stack HCI

Management: Windows Admin Center, Azure Cloud

PRIMEFLEX for Microsoft Storage Space Direct

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

Compute/storage: PRIMERGY RX

Operating System: Windows Server Data Center

(Hyper-V and Storage Spaces Direct)

Management: Windows Admin Center

Fujitsu PRIMEFLEX Integrated System

Fast track to a data-driven enterprise

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 Public Cloud Groupe (PCG))

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.

Fuiitsu BestPlace:

A method for identifying optimal SAP environments that integrates customer centricity, data-driven analysis and cost optimization, while offering flexible payment options and interactive consulting services.



Data & Storage: Key value for our customers

The storage area offers a well-synchronized portfolio of data-centric storage solutions from a single provider with over 50 years of experience in storage.

Fujitsu provides online storage systems, data-protection solutions and tape libraries that enable customers to flexibly manage their growing data volumes while reducing costs.



Storage is coming home



Embrace Disaster Preparedness

Fujitsu Storage Products

Hybrid Storage Systems



By combining leading performance architecture with automated quality of service management, our online storage solution provides powerful features for digital growth, efficiency, and continuity.

Software-defined
Storage



Fujitsu's Software-Defined Storage (SDS) solutions are designed to manage rapid data growth, support modern workloads, and provide compatibility for multi-cloud environments. Data-protection
Appliances



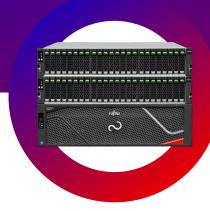
Data-protection appliances from Fujitsu simplify your backup and archive infrastructure and transform your IT landscape into a genuine enabler for digital business growth, efficiency and continuity. Tape Storage
Systems



The affordable tape systems offer impressive scalability and reliability. They meet SMB requirements, thwart cyberattacks, and are certified for marketleading backup and archiving software.

Fujitsu Storage Products

Online Storage
Solutions



Leading performance increases system utilization and consolidation, resulting in a faster return on investment (ROI)

SDS Solutions



Share and control data across multiple locations and between different applications to enhance business functionality. Data Protection
Solutions



ETERNUS CS dataprotection appliances radically simplify backup and archive infrastructures by aligning storage resources with business priorities. Tape Solutions



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

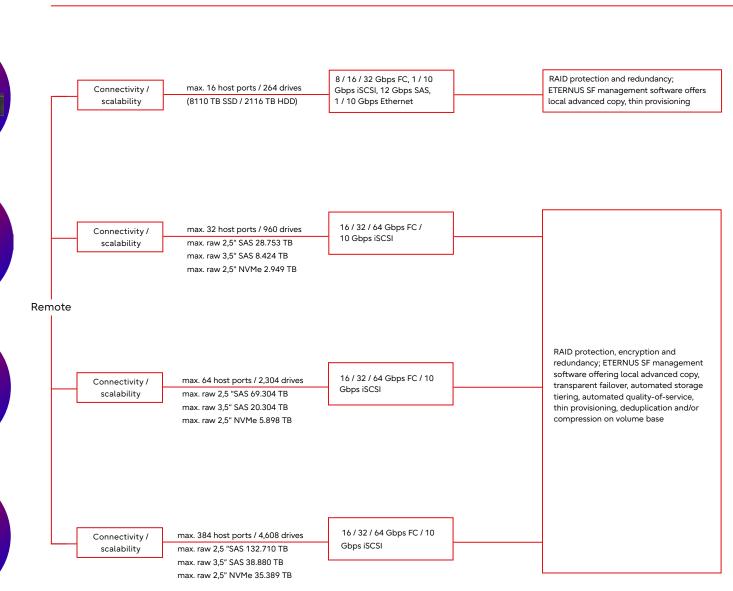
Products Specifications Host Functions

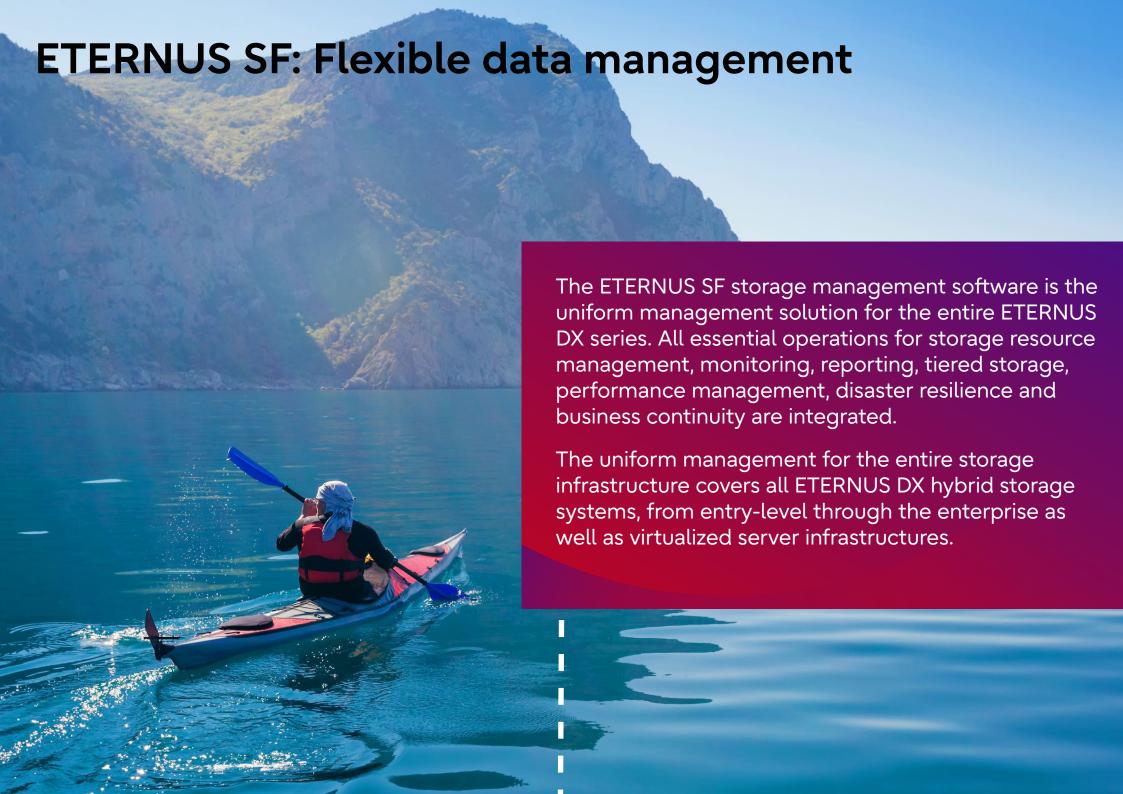
DX200 S5

DX600 S6

DX900 S6

DX8900 S6







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, reduced storage system power consumption

Hardware investment optimization through automated storage tiering

Central management for local and remote replication, enhanced business continuity with transparent failover, automated quality-of-service management

Products

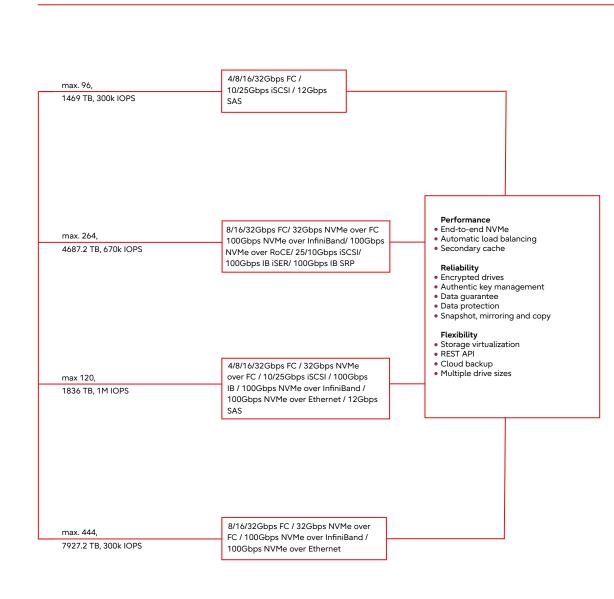
Number of drives Host interfaces Functions

AB2100

AB3100

AB5100

AB6100



Products

Number of drives

Host interfaces

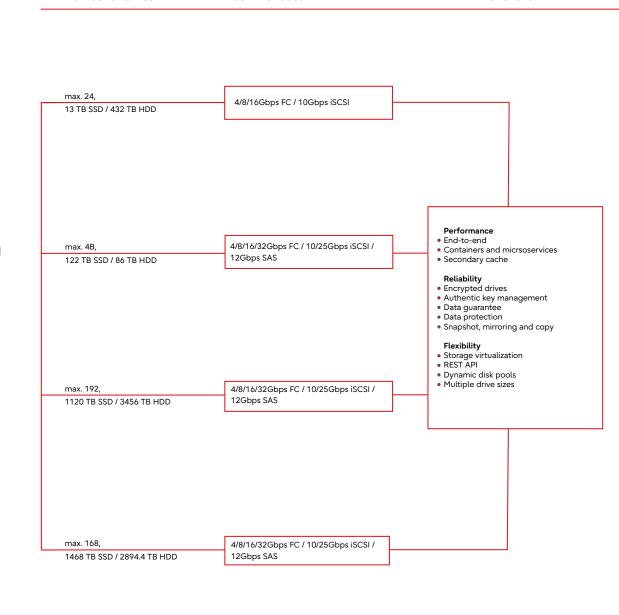
Functions

HB1110

HB1200

HB2100

HB2200



Products

Number of drives

Host interfaces

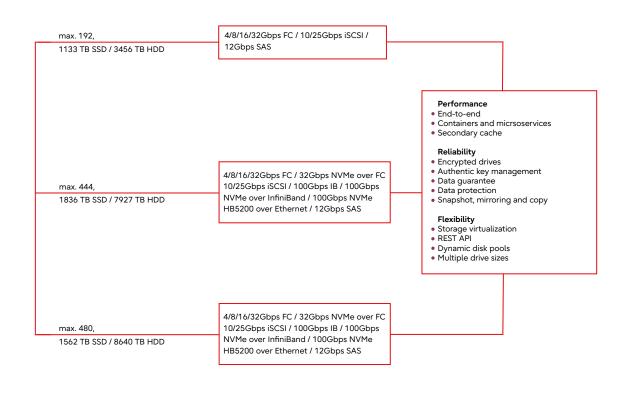
Functions

HB2300

HB5100

HB5200





High performance partnership

Fujitsu and NetApp

A400 / A800 / A900

AFF C190

Max. effective**

Specifications**

Description

Functions

Made for growing requirements

Rich data management

Easy cloud connection

Easy cloud connection

316.3 PB - 702.7 PB

High performance partnership

Fujitsu and NetApp

Products

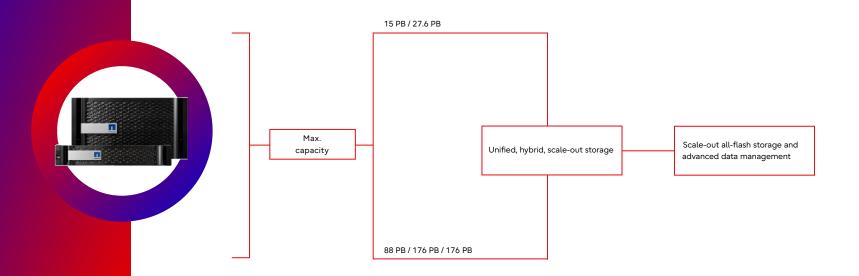
Specifications

Description

Functions

FAS2750 / FAS2820

FAS8300 / FAS8700 / FAS9500



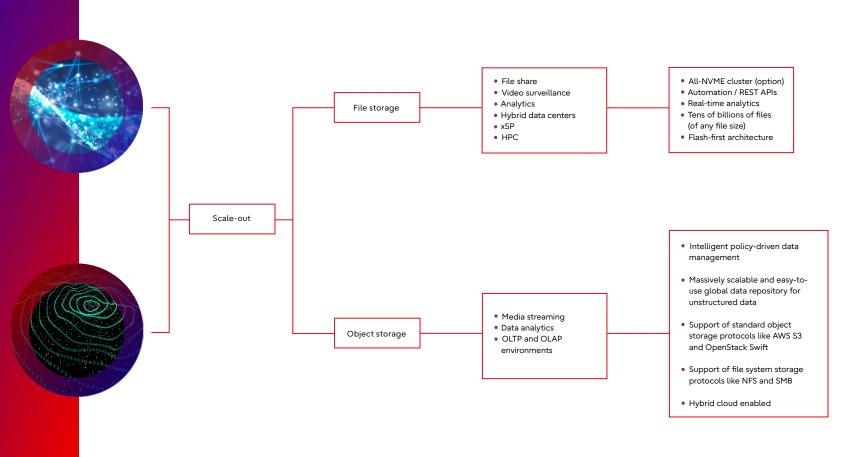
Software-defined storage made easy

Products

Architecture Data access Main use cases Highlights

Qumulo file data platform

NetApp StorageGRID



Data protection appliances

Product Usability **Specifications** Key feature Data protection functions

Backup

38 TB-350 PB (up to 10 back-end tape libraries)

ETERNUS CS800 backup appliance



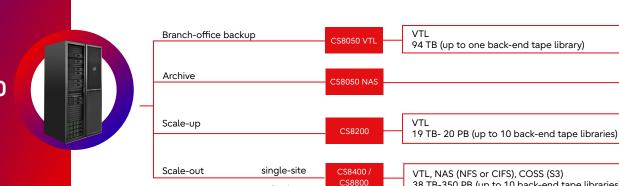
Disk-based backup and CS800 11-315 TB Scale recovery, replication, path-to-Usable capacity Deduplication tape, multiprotocoll support after data reduction CS800 (NAS, VTL, OST), backup 51-2040 TB target in the cloud

Product

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



split-site

Architecture

NAS protocol for CS8050 only with dedicated CS8050 NAS model (see archive appliance) NAS (NFS / CIFS), COSS (S3) 19 TB-20 PB

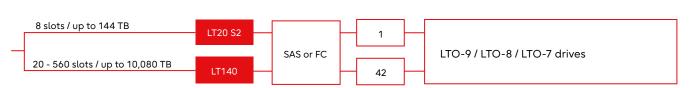
Archive

Tape libraries

No. of slots / max. capacity Product Interface Max. drives Drive types

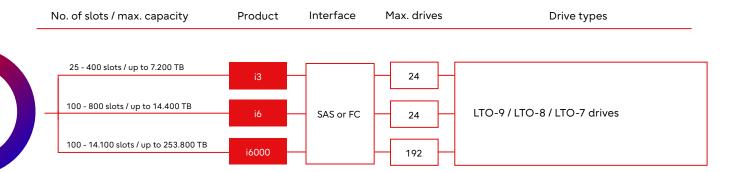
tape storage systems





QuantumScalar tape storage systems

i3 / i6 / i6000



Market-leading data protection software



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.

Veeam Backup & Replication

The powerful, reliable and easy to use software reduces operational overhead with flexibility that fits your business and market-leading reliability that you can count on. It delivers dependable availability across all cloud, virtual and physical workloads with a simple, flexible and reliable solution.

Veritas

NetBackup

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

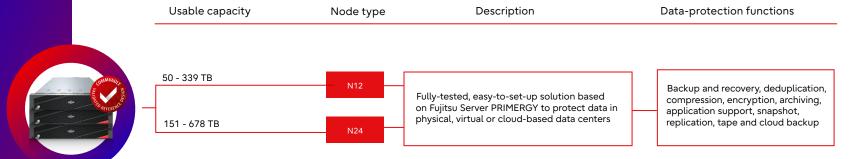
EnterpriseVault

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.

Integrated appliances

Usable capacity

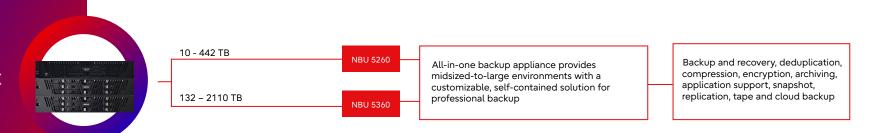
Fujitsu reference architecture for Commvault HyperScale X Software



Veritas

NetBackup Flex

Appliance



Description

Product

Data-protection functions







Fujitsu Software Infrastructure Manager

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

Product highlights include:

Converged management

Increased agility



Accelerated growth and innovation



Simplified IT operations and consistent management across server, storage and networking Intuitive software providing actionable insights leading to reduced customer response time

Streamlined delivery of IT services to speed the transition to hybrid cloud

Fujitsu Software Infrastructure Manager

Centralized, easy, clear

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

Control | Dynamize | Maintain

Integrate | Deploy

Simple, experienced, efficient

- Converged management
- Auto discovery
- Virtual-IO mangement
- Network topology management

Remote, up to date, verifiable

- Remote management
- Update management
- Logging and auditing

Seamless, manage uniformly

- In Enterprise management
- In vendor specific management
- Monitor third-party platforms

Fast, comfortable, reliable

- Automate device configuration
- Mass OS installation

The holistic approach for simplifying data center management

FUJITSU
Software
Infrastructure
Manager

Two options to support different business requirements:



ISM Essential Edition - Control, maintain, dynamize

- Provides essential monitoring capabilities and update functions across all supported devices, icluding storage and network switches
- No license costs, optional support license available



ISM Advanced Edition - deploy, control, maintain, dynamize, integrate

- Full-featured advanced version that provides comprehensive and robust infrastructure management
- Also monitors third-party vendor devices in addition to integrating into VMware, Microsoft System Center and Ansible environments

Fujitsu Software Infrastructure Manager

The holistic approach for simplifying data center

management

Take the first step with ISM Essential by downloading it for free:

Easy upgrade path from ISM Essential to ISM Advanced!

Find out more: <u>fujitsu.com/infrastructuremanagement</u>



Modernize with Windows Server 2022

The cloud-ready operating system that boosts on-premises investments with hybridcapabilities. Transform your IT environment with the latest hardware and software technologies by upgrading to the latest Fujitsu PRIMERGY Server generation and Windows Server 2022.



By combining the united power of Windows Server 2022 and Fujitsu PRIMERGY, businesses can elevate their security posture, tackle any workload, and take advantage of hybrid capabilities.



Experience the benefits of cloud-ready technology and innovative solutions for a more efficient and productive organization.



Expandable tower servers, versatile rack servers, density-optimized multinode servers as well as GPU servers optimized for AI, Data-Science, VDI, HPC and graphics.



Windows Server 2022 enables direct business benefits—like better data analysis and enhanced security—as well as the flexibility to migrate to the cloud.



United Power Anywhere:

Windows Server 2022 and Fujitsu PRIMERGY Server

Top new features in Windows Server 2022



Hybrid capabilities with Microsoft Azure

Achieve greater IT efficiency and cost savings by extending your data center to Microsoft Azure using a cloud-ready operating system with hybrid capabilities.



More secure remote working

Enable remote users to run applications and desktops from nearly anywhere with Remote Desktop Services, a platform that helps deliver more secure virtualized apps, remote desktop access, and simplified management.



Advanced multilayer security

Help protect your business apps and data with multilayer security capabilities like the secured-core server and enhanced secure connectivity.



Modernized server infrastructure

Transform infrastructure and applications with flexible solutions like software-defined storage and networking and a modern app platform.





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