Servers for the data-driven world

FUJITSU Server
PRIMERGY Systems

shaping tomorrow with you
We live in an increasingly digital world, depending on online and mobile channels to connect with friends, access goods and services, and control almost every aspect of our lives. From your wearables, smartphone, tablet or smart TV to your laptop or the PC on your desk - data is omnipresent and everywhere. And the things the data can do for you are amazing. It can drive your business, improve your life, and help people.

Data is the driving force that enables companies to improve the customer experience, increase employee productivity, introduce new business models, increase operational efficiency and respond to the threats of competitors. Businesses in various industries and verticals around the world are using data to transform themselves to become more agile.

The ability to monetize data is essential for digital transformation. Organizations today can only be as successful as the data they can capture and integrate into their enterprise operations to make disruptive business decisions. However, enterprise data is distributed across many locations, from edge to core to multiple clouds. And about 90 percent of the world’s data was generated in the past two years. Analysts forecast that by 2025 data will grow exponentially. But we have a long way to go in harnessing the power of this data. A safe guess is that only about two percent of it is utilized, processed and acted upon. Imagine what could happen if we could effectively use more of this data. For this important step you need an IT infrastructure that will serve you in implementing your transformation to a data-driven business.

To help our customers move, store and process massive amounts of data, FUJITSU Server PRIMERGY systems provide a solid foundation for today’s hybrid IT reality with powerful and flexible solutions for companies of all sizes, across all industries and for any type of workload.
Servers for the data-driven world

Fujitsu offers a fantastic blend of systems, solutions and expertise to guarantee maximum productivity, efficiency and flexibility, delivering confidence and reliability. FUJITSU Server PRIMERGY systems deliver workload-optimized x86 industry standard servers for any workload and business demand. Since there is no single server solution to meet all these needs, Fujitsu offers a broad server portfolio consisting of expandable tower servers, versatile rack-mount servers, density-optimized multi-node servers as well as GPU servers purpose-built for the demands of AI. While all these systems are designed to handle multiple workloads, each server is optimized for specific use cases.

Using Infrastructure Manager (ISM), all of our data center products can be managed using a central tool with a single user interface. ISM is not just restricted to management of a single data center but is also capable of distributed data center management and thus enables the path to a software-defined datacenter. ISM is available as an Essential license for standard infrastructure management capabilities or as ISM Advanced, providing comprehensive infrastructure management across multiple data centers.

Whatever the size of your business – large enterprise with multiple sites, or a small or medium-sized company with limited space and budget – with the right choice of server, your IT can become the business enabler you have always wanted it to be.
Fujitsu Server PRIMERGY Portfolio
The right computing solution for every purpose

Efficient operation and management of IT infrastructures and equipment

- SMBs, edge, branches, office environments
- Core business / demanding apps
- HPC, cloud and technical computing

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

AI, data science, VDI, graphics and HPC workloads
- Business and mission-critical environments

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.
FUJITSU Server PRIMERGY Tower Systems

The PRIMERGY Tower Servers deliver 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 is 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 TX1310
An ideal first server for small and medium-sized companies

PRIMERGY TX1320
Ultra-compact server with full featured performance and whisper-like operation

PRIMERGY TX1330
Expandable all-rounder that delivers great performance at an economic price

PRIMERGY TX2550
Tower powerhouse with the richest feature set

ROBUST AND COST-EFFICIENT TOWER SERVERS THAT ARE AFFORDABLE AND EXPANDABLE. IDEAL FOR ENTERPRISE CUSTOMERS AS WELL AS BRANCH OFFICES, SMALL BUSINESSES AND REMOTE OFFICES.
FUJITSU Server PRIMERGY Rack Systems

The 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 faster to business needs of any size. Backed by more than 25 years of development and production at Fujitsu, these are extremely robust servers that you can rely on to take your business to the next level.

VERSATELLE RACK-OPTIMIZED SERVERS PROVIDE BEST-IN-CLASS PERFORMANCE AND ENERGY EFFICIENCY, AND THUS SET THE STANDARD IN EACH DATA CENTER.
The PRIMERGY CX multi-node systems offer an 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.

FUJITSU Server PRIMERGY Multi-Node Systems

- **PRIMERGY CX2550**: Dual-socket server node in a highly condensed half-wide, 1U form factor ideal for deployments in HPC and cloud environments.
- **PRIMERGY CX2560**: Dual-socket general purpose server node for highest density and efficiency in various data center environments.
- **PRIMERGY CX400**: 2U enclosure for up to four half-wide dual-socket server nodes; ideal for large scale-out solutions, hosting and hyperconverged computing.

**DENSITY-OPTIMIZED SERVER INFRASTRUCTURES FOR HPC, CLOUD AND HYPER-CONVERGED COMPUTING.**

FUJITSU Server PRIMERGY GPU Systems

The PRIMERGY GX systems are optimized for GPU performance with the reliability and cost-effectiveness of our PRIMERGY line to fit your individual requirements best. 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 learning, deep learning, data science and analytics, VDI, graphics plus futuristic high performance computing workloads. Over 580 HPC applications across a wide range of domains are GPU-optimized, including top HPC applications and all major deep learning frameworks, ensuring most HPC applications can benefit from GPU technology’s improved time to results.

- **PRIMERGY GX2460 M1**: Sophisticated dual-socket rack server enhanced with up to 4 GPU accelerator cards to deliver the best levels of data-intensive, workload-VERSatile performance, expandability and energy efficiency at the right price point.

**GPU-ACCELERATED SERVERS OPTIMIZED FOR AI, DATA SCIENCE, HPC, VDI AND FUTURE WORKLOADS IN DATA-DRIVEN BUSINESSES.**
Fujitsu offers a broad portfolio of tested and qualified components that support a wide range of IT environments, from small to medium-sized businesses all the way through to large corporations. PRIMERGY servers can be seamlessly configured with high-performing, reliable, and secure options that efficiently augment the range of applications and data in your IT environment. Fujitsu server memory, storage, networking, and power supplies provide key technologies that provide the performance, reliability, and efficiency found in our latest-generation servers. Moreover, Fujitsu's latest-generation rack and power infrastructure provides the ideal platform that powers and protects Fujitsu servers, storage, and networking. Fujitsu's comprehensive portfolio of server and rack components includes:

- PRIMECENTER racks
- JX storage subsystems
- Ethernet switches
- Storage drives
- Console switches
- Operating systems
- Coprocessors and graphic cards
- Power distribution unit
- Tape backup
- Ethernet Controllers
- RAID Controllers
- Fiber Channel host bus adapters

FUJITSU’S BROAD PORTFOLIO OF SERVER COMPONENTS HELPS TO EXPAND PRIMERGY SERVERS TO COVER A BROAD RANGE OF APPLICATION SCENARIOS, ENABLING CUSTOMERS TO BUILD EXPANDABLE, COST-EFFICIENT LARGE-SCALE AND VERSATILE SYSTEMS ACROSS A RANGE OF INDUSTRIES AND APPLICATIONS.
Modern IT demands for cloud, big data analytics and AI are driving a major shift away from a traditional server-based approach to a new computing approach that accelerates IT service delivery, lowers costs, and fuels business growth.

Fujitsu PRIMERGY servers help you focus on key areas of digital transformation. Encouraged by market-trends but more importantly, inspired by customer demands, PRIMERGY servers are well-known for their excellent performance, superb reliability and first-rate efficiency. Comprehensive and rigorous testing ensures the highest quality to exceed industry standards.

In short, they will help to increase agility, reduce costs, grow revenue and improve your customers and employees experience.

Business-proven quality ensures continuous operation with almost no unplanned downtimes

Highest efficiency cuts costs, accelerates IT workloads to shorten time-to-business results

More agility in daily operations helps turn IT into a business advantage faster

Seamless integration in heterogeneous environments cuts operational costs, complexity and shortens time-to-operation
The higher the quality of the underlying hardware, the lower the risk of unplanned downtime. One of the easiest ways to prevent servers from failing is to use high-quality systems. Both material quality and manufacturing quality are imperative.

Quality from beginning to end is the norm that guides Fujitsu from the design and planning stage right up to assembly. Fujitsu evaluates customer requirements, technology and market trends to achieve the highest quality and full customer satisfaction. PRIMERGY systems feature outstanding hardware availability. A fully hot-pluggable and redundant system design and comprehensive remote management functions are standard features. Numerous quality tests and service personnel certifications are carried out at our own certified test centers and training facilities to ensure full quality and stability of the PRIMERGY servers, not just to meet, but actually to exceed industry standards.

Get the most reliable servers. Choose PRIMERGY.

Customer- and market-inspired innovations help our systems ensure the most efficient and best-performing server solutions. To improve energy efficiency, PRIMERGY servers can be operated within higher ambient temperature ranges compared with equivalent systems. With the Cool-safe® Advanced Thermal Design technology, the released operating temperature of Fujitsu servers is increased by 10 degrees, while at the same time ensuring continuous operation under full load. A rise of one degree in temperature normally leads to cost reduction to between 5 - 6% in air conditioning costs. An increase in data center temperature from 20°C to 25°C would therefore result in approximately 27% lower cooling costs.

Furthermore, PRIMERGY servers are the most powerful systems available on the market. This leadership is proven by various independent industry benchmarks such as leading positions and world records in various classes of the VMware VMmark virtualization benchmarks.

Get the most efficient servers. Choose PRIMERGY.

Uncompromised performance  Highly efficient system design  Overarching family concept
Get the most agile servers. Choose PRIMERGY.

Fujitsu’s entire eco-system goes way beyond simply providing hardware, integrated systems and software components. We make sure to deliver comprehensive administration and management tools with our award-winning servers to reduce complexity, effort and cost for maintenance, deployment and control of your IT infrastructures.

Moreover, you can rely on a global partner to support you in all phases of your systems’ lifecycle. Even in the unlikely event of a system downtime, our technical consultants are available around the clock to solve any issue – before it damages your daily routine, your operations and reputation with customers.

Fujitsu can remove a great deal of risk quite easily: choose PRIMERGY systems. They come with a range of our tools and services as standard from the start.

Get servers that integrate seamlessly. Choose PRIMERGY.

Planning and building IT infrastructures is anything but easy – not just from a technical point of view, but also from a business and timing perspective. PRIMERGY servers are available in several form factors and equipped with latest security features. They are the perfect choice for structured integration in existing, heterogeneous environments.

Fujitsu provides innovative management software such as the Infrastructure Manager (ISM) to design, build and manage dynamic infrastructures to improve service quality, increase flexibility and to raise efficiency. Combine software products with our servers, storage, and networking systems to create the right solution for your workloads and your business.

What’s more, PRIMERGY servers are also the foundation of our comprehensive portfolio of FUJITSU Integrated System PRIMEFLEX to help you accelerate and ease the rollout of new IT infrastructures.