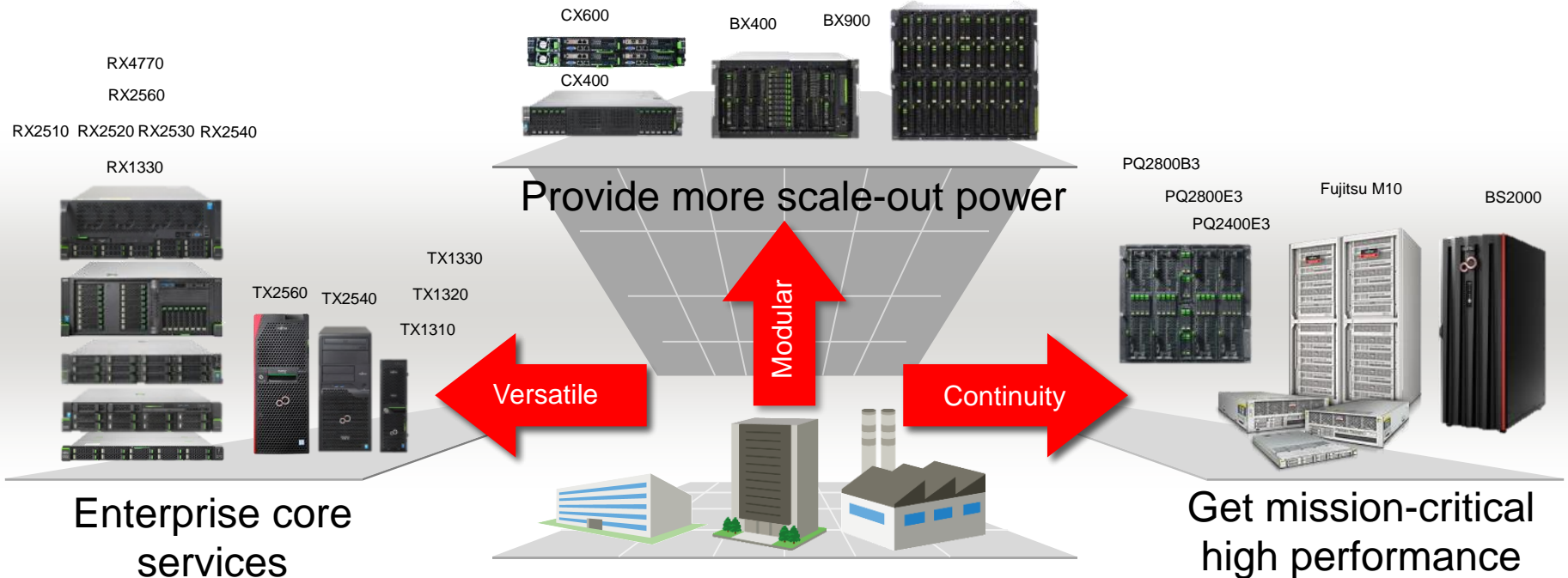


Fujitsu Server Directions



The right combination of systems, solutions and know-how to guarantee maximum productivity, efficiency and flexibility, delivering confidence and reliability.



FUJITSU Server Enterprise Products



The right combination of systems, solutions and know-how to guarantee maximum productivity, efficiency and flexibility, delivering confidence and reliability.

FUJITSU Server PRIMERGY

Industry's most complete x86-based portfolio for companies of all sizes, across all industries and for any type of workload.



FUJITSU Server PRIMEQUEST

New levels of x86 server performance for in-memory computing and resource-intensive applications and x86 mission-critical uptime.



FUJITSU SPARC Servers

Unmatched scalability with up to 64 processors together with highest RAS features and a modular architecture.



Industry's most complete x86-based portfolio



One size does not fit all: To be able to meet the requirements for companies of all sizes, Fujitsu offers industry's most complete portfolio of industry standard x86 servers.



PRIMERGY TX Family

Expandable tower servers ideal for branch offices, remote offices and small businesses



PRIMERGY RX Family

Versatile and scalable rack-optimized servers with leading efficiency and performance



PRIMERGY BX Family

Platform for converged infrastructures designed to reduce IT costs, time and efforts



PRIMERGY CX Family

Density optimized cloud server infrastructures for HPC, cloud and hyper-converged computing

FUJITSU Server PRIMERGY Tower Systems



Robust and cost-efficient servers for SMEs and branch offices

- Affordable and expandable tower servers
- Simple operation, low power consumption and quiet operation
- Ideal for branch offices, remote offices and small businesses
- Rack conversion kits ensure investment protection



TX1310

Enter the world of
PRIMERGY TX servers



TX1320

For small environments
with high demands



TX1330

Expandable all-round
server for SMEs



TX2540

Well-balanced price-
performance



TX2560

Reliable performance for
your business

Mono Socket

Dual Socket

Fujitsu PRIMERGY TX Tower Server



PRIMERGY	TX1310 M1	TX1320 M2	TX1330 M2	TX2540 M1	TX2560 M2
Characteristics	The ideal first server	For small environments with high demands	The expandable allround server for SME	Well-balanced price-performance	Reliable performance for your business
Type	Mono socket tower server	Mono socket tower server	Mono socket tower server	Dual socket tower server	Dual socket tower server
Processor	1x Intel® Celeron® processor, Intel® Core™ i3 processor Intel® Pentium® processor, Intel® Xeon® processor E3-1200v3 product family	1x Intel® Core™ i3 processor Intel® Pentium® processor, Intel® Xeon® processor E3-1200v5 product family	1x Intel® Core™ i3 processor Intel® Pentium® processor, Intel® Xeon® processor E3-1200v5 product family	Intel® Xeon® E5-2400 v2 family	Intel® Xeon® processor E5-2600 v4 family
Memory	2 GB - 32 GB, 4 DIMM (DDR3)	2 GB – 64 GB, 4 DIMM (DDR4)	4 GB - 64 GB, 4 DIMM (DDR4)	4 GB - 192 GB, 12 DIMM (DDR3)	4 GB – 1.532 GB, 24 DIMM (DDR4)
Hard disk configuration (max)	4 x 3.5-inch	6 x 2.5-inch or 2 x 3.5-inch	12x 3.5-inch or 24x 2.5-inch	8 x 3.5-inch or 24 x 2.5-inch	12 x 3.5-inch + 2x 2.5-inch or 32 x 2.5-inch
I/O slots	2 x PCIe 2.0 2 x PCIe 3.0	4 x PCIe 3.0	4 x PCIe 3.0 legacy PCI via adapter	1 x PCIe 2.0 4 x PCIe 3.0 1 x PCI	10 x PCIe 3.0
Rack mountable	-	-	Yes (4U)	Yes (4U)	Yes (4U)

FUJITSU Server PRIMERGY Rack Systems



Versatile, scalable servers with top performance

- The datacenter standard
- Versatile and scalable rack-optimized servers
- Leading energy-efficiency and performance



RX1330

Small in size, low in cost - rich in optional features

Mono Socket



RX2510

The balanced server that serves your services

Dual Socket



RX2520

Balanced performance and scalability



RX2530

Maximum productivity in a 1U housing



RX2540

The data center standard



RX2560

Maximum expandability in a 2 way server



RX4770

Superior levels of performance and system reliability

Quad Socket

Fujitsu PRIMERGY RX Rack Server



Model	RX1330 M2	RX2510 M2	RX2520 M1	RX2530 M2	RX2540 M2	RX2560 M2	RX4770 M3
Characteristic	Small in size, low in cost - rich in optional features	The balanced server that serves your services	Balanced performance and scalability	Maximum productivity in a 1U housing	The data center standard	Maximum expandability in a 2-way server	Superior levels of performance and system reliability
Type	Mono socket rack server	Dual socket rack server	Dual socket rack server	Dual socket rack server	Dual socket rack server	Dual socket rack server	Quad socket rack server
High Units	1U	2U	2U	1U	2U	4U	4U
Processor	Intel® Xeon® E3-1200 v5 product family, Core™ i3 processor, Pentium® processor Celeron® processor	Intel® Xeon® processor E5-2600 v4 product family	Intel® Xeon® processor E5-2400 v2 product family	Intel® Xeon® processor E5-2600 v4 product family	Intel® Xeon® processor E5-2600 v4 product family	Intel® Xeon® processor E5-2600 v4 product family	Intel® Xeon® processor E7-4800 / 8800 v4 product families
Memory	2 GB – 64 GB, 4 DIMM (DDR4)	8 GB - 384 GB, 12 DIMM (DDR4)	2 GB – 192 GB, 12 DIMM (DDR3)	4 GB – 1536 GB, 24 DIMM (DDR4)	4 GB – 1536 GB, 24 DIMM (DDR4)	8 GB – 1536 GB, 24 DIMM (DDR4)	16 GB - 6 TB, 96 DIMM (DDR4)
Hard disk configuration	4 x 3.5-inch 8 x 2.5-inch 10 x 2.5-inch	4 x 3.5-inch 4 x 2.5-inch	8 x 3.5-inch 12 x 3.5-inch 16 x 2.5-inch	4 x 3.5-inch 8 x 2.5-inch 10 x 2.5-inch	4 x 3.5-inch 12 x 2.5-inch 24 x 2.5-inch	12 x 3.5-inch + 2x 2.5-inch 32 x 2.5-inch	8 x 2.5-inch + 4x 2.5-inch PCIe SSD
I/O slots	2x PCIe 3.0 x8 1x PCIe 3.0 x4	2x PCIe 3.0 x16 2x PCIe 3.0 x8	6x PCIe 3.0 x8 1x PCIe 2.0 x4	2x PCIe 3.0 x16 2x PCIe 3.0 x8	3x PCIe 3.0 x16 3x PCIe 3.0 x8	10x PCIe 3.0	9x PCIe 3.0 x8 2x PCIe 3.0 x16

FUJITSU Server PRIMERGY Blade Systems



Platform to build a converged infrastructure designed to reduce time and efforts

- Datacenter in a box with all infrastructure-, network and management components
- Improved manageability, availability, and operational efficiency from shared cable infrastructure and virtual input/output (I/O)



BX400

Affordable blade technology for medium-sized businesses

Blade Chassis



BX900

Dynamic server infrastructure designed for high requirements



BX2560

Universal server blade that delivers a balance of value and performance

Server Blades



BX2580

Feature-rich 2-socket server blade designed for maximum performance



SX960

SX980

Direct-attached and centralized storage

Storage Blades



Connection Blade

1/10/40 Gbit/s Ethernet
8/16 Gbit/s FC
10 Gbit/s DCB (FCoE)
56 Gbit/s IB
6 Gb/s SAS

Network

Fujitsu PRIMERGY BX Blade Server



Model	BX400 S1	BX900 S1
Characteristic	Affordable blade technology for medium-sized businesses and branches.	Complete dynamic server infrastructure in a single chassis
Type	6 U chassis for 19-inch rack, or floorstand version	10 U chassis for 19-inch rack
Front Bays	8 for server or storage blades	18 for server or storage blades
Midplane	High speed midplane with 3 fabrics	High speed midplane with 4 redundant fabrics
Rear Bays	4 x for Connection Blades 4 x for PSU/fan modules	8 x for Connection Blades 6 x for PSU/fan modules
MMB	1 x hot-plug management blade as standard, redundant management blades as option	1 x hot-plug Management Blade as standard, redundant Management Blade as option
Fans	Up to 3 additional hot-plug, redundant fan modules	Up to 3 additional hot-plug, redundant fan modules
PSU	Up to 4 x hot-plug power supply modules (1 x as standard)	Up to 6 x hot-plug power supply module, 3 x as minimum)

Model	BX2560 M2	BX2580 M2
Characteristic	Universal server blade that delivers a balance of value and performance	Feature-rich 2-socket server blade designed for maximum performance
Type	Dual Socket Server Blade	Dual Socket Server Blade
Processor	Intel® Xeon® processor E5-2600 v4 product family	Intel® Xeon® processor E5-2600 v4 product family
Memory	8 GB – 1024 GB, 16 DIMM (DDR4)	8 GB – 1536 GB, 24 DIMM (DDR4)
Hard disk configuration	2 x 2.5-inch hot-plug SAS/SATA HDD, and SAS/SATA/ PCIe SSD, and SATA DOM	2x 1.8-inch non hot-plug SATA SSD, UFM, SATADOM
I/O slots	2 x 10 Gbit/s LoM 2 x PCI-Express 3.0 Mezzanine card	2 x 10 Gbit/s LoM 2 x PCI-Express 3.0 Mezzanine card

FUJITSU Server PRIMERGY Scale-out Systems



Platform for HPC, hosting, and hyper-converged stacks

- Density optimized scale-out server infrastructures
- More computing power in less space
- Lower costs for energy due to shared power & cooling

CX400



Compact server node density with high power efficiency to realize large scale-out solutions for HPC, hosting, and hyper-converged computing at lower overall costs

CX600



Ultra-Compact server node density with high power efficiency to realize highly parallel in research, product development or business intelligence

Chassis

CX2550



Dual socket server node in a highly condensed half-wide, 1U form factor

CX1640



Intel® Xeon Phi™ Processors with up to 72 cores in this modular server is ideal for workloads benefitting from highest thread parallelism, large vectors, and additional memory bandwidth.

Server Nodes

CX2570



Dual socket server node for ambitious high performance computing, analytics and visualization solutions

Fujitsu PRIMERGY CX Scale-out Server



PRIMERGY	CX400 M1		CX600 M1
	CX2550 M2	CX2570 M2	CX1640 M1
Type	2-socket server node 1U half wide	2-socket server node 2U half wide	1-socket server node 1U half wide
Trays occupied	1 tray (max. 4x)	2 trays (max. 2x)	1 tray (max. 8x)
Processor	2x Intel® Xeon® E5-2600 v4 max 160W with HT + TB, 4/6/8/10/12/14/16/18/20/22 cores		1x Intel® Xeon Phi™ 7200 product family max 215W, 64/68/72 cores
Max. memory per node	1,024 GB, DDR4, RDIMM / LRDIMM		16 GB CPU-integrated MCDRAM memory + + 384 GB DDR4 RDIMM / LRDIMM
GPGPU/coprocessor	-	2x NVIDIA® Tesla™ or 2x Intel® Xeon Phi™ or 2x NVIDIA Grid	-
Hard disk configuration (max)	6x 2.5" HDD/SSD or 2x 2.5" HDD/SSD + 2x 2.5" PCIe SSD 1x SATADOM	6x 2.5" HDD/SSD or 4x 2.5" HDD/SSD + 2x 2.5" PCIe SSD 1x SATADOM	Air cooling: 1x DOM SATA, or 1x 2.5" non hot-plug HDD, or 2x 2.5" non hot-plug SSD Liquid cooling: 1x DOM SATA only
I/O slots	2x PCIe Gen3 x16 (for IB)	2x PCIe Gen3 x16 (for IB) 2x PCIe Gen3 x16 Mezz. Slot for GPGPU/Co-Processor	1x PCIe Gen3 x16 low profile
Ambient temperature	Up to 45 °C		Up to 40 °C

FUJITSU Server PRIMEQUEST Systems



Scalable platform for business-critical and mission-critical workloads

- New levels of x86 server performance for in-memory computing and resource-intensive applications
- UNIX-matching high-availability features with x86 cost efficiency



PQ2800B3

8-socket enterprise platform with enhanced RAS features and extra-large memory capacities to handle bigger memory-intensive applications

Business-Critical



PQ2400E3

Top-of-the-range 4- and 8-socket systems with unique mission critical features for error preventions and self-healing capabilities while delivering a flexible computing resource pool with features such as Extended Partitioning and Dynamic Reconfiguration.

Mission-Critical



PQ2800E3

Fujitsu PRIMEQUEST Server



Model	PRIMEQUEST 2800B3	PRIMEQUEST 2400E3	PRIMEQUEST 2800E3
Characteristic	Advanced 8-socket enterprise platform for business critical apps	No time for downtime	No time for downtime
Type	Eight socket rack server	Quad socket rack server	Eight socket rack server
High Units	10U	10U	10U
Processor	Up to 8 Intel® Xeon® E7-8800 v4 product family	Up to 4 Intel® Xeon® E7-4800/8800 v4 product family	Up to 8 Intel® Xeon® E7-8800 v4 product family
System boards	Up to 4x	Up to 2x	Up to 4x
Memory	16 GB - 24TB, 192 DIMM (DDR3)	16 GB – 12TB, 96 DIMM (DDR4)	16 GB - 24TB, 192 DIMM (DDR4)
Hard disk configuration	max. 8 x 2.5-inch on max. 2x Disk units	max. 16x 2.5-inch	max. 24x 2.5-inch
RAS features	Standard: SDDC, ECC, redundant fans and PSU Advanced: Intra-socket memory mirroring, MCA, PCIe live recovery, DDDC	Standard: SDDC, ECC, redundant fans and PSU Advanced: Intra-socket memory mirroring, MCA, PCIe live recovery, DDDC, Address Based Memory Mirror, Address Range Memory Mirror, Multiple Rank Sparing Mission-Critical: Reserved SB, shared I/O, Dynamic Reconfiguration, red. MMB, hot-plug PCIe	Standard: SDDC, ECC, redundant fans and PSU Advanced: Intra-socket memory mirroring, MCA, PCIe live recovery, DDDC, Address Based Memory Mirror, Address Range Memory Mirror, Multiple Rank Sparing Mission-Critical: Reserved SB, shared I/O, Dynamic Reconfiguration, red. MMB, hot-plug PCIe

PRIMERGY delivers key facts to success



Quality

Quality

Business proven quality ensures continuous operation with almost no unplanned downtimes



Efficiency

Efficiency

Highest efficiency-levels cut cost, accelerate IT workloads to shorten time-to-business results



Agility

Agility

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



Integration

Integration

Seamless integration in heterogeneous environments cut operational cost, complexity and shortens time-to-operation



Customer- and market inspired innovations



- Decades of development and production know-how
- Most advanced, environmentally friendly facilities
- Global R&D with local responsibilities delivers faster and more flexible response times

Competitive advantage through highest-levels of reliability



- Even entry-level systems reach availability values of 99.997% - Continuity defined for the availability you need
- Redundancy, hot-plug PSU and storage drives is just one step of many

Extremely low failure rates below market average



- Rigorous testing is deeply implemented in our development and engineering cycles to ensure outstanding quality
- Sophisticated and innovative computer factory with fair working conditions

FUJITSU Server PRIMERGY | Efficiency



FUJITSU

Uncompromised performance



- World records and best-in-class results in a wide range of industry benchmarks
- Accelerated IT workloads and shorten time to business results - less numbers of systems required for the same workloads

Highly efficient system design



- Cool-safe® Advanced Thermal Design (ATD), Cool-Central® Liquid Cooling Technology and PSUs with highest efficiency enable reduced investment and operating costs
- Nexperience design increases the usability and serviceability

Overarching family concept



- Common parts for maintenance and service partners (e.g. RAID, LAN, PSU, ...)
- DynamicLoM: Individually adapt server networks with the flexibility to meet future requirements



Ease-of-use administration



- Comprehensive management covering the entire lifecycle of servers
- Reduce complexity, efforts and costs in maintenance, deployment and control

Wide-ranging portfolio of services



- One stop shopping: Get everything you need out of one hand
- Reduce costs, shorten project times and increased availability of applications and services

Ecosystem of tools



- Fujitsu provides a range of cost-free tools which help with the planning & design as well as integration & implementation phases

Long Lifecycle Servers



- Optimized configurations to support long availability (60 months) for delivery into ongoing, long lasting roll-outs
- Customer shopping baskets and service contracts can be kept for a long time

Seamless integration and optimization

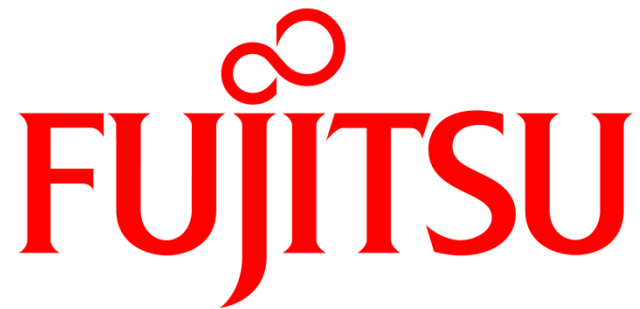


- Easy integration into existing management environments of other manufacturers
- Optimization services increase power efficiency, lowering the cost of operations and management

Integrated Systems



- Cornerstone for pre-defined, pre-integrated and pre-tested PRIMEFLEX portfolio
- Cut operational cost and complexity, by eliminating the need for customers to manage their own system integration projects

The logo features a red infinity symbol positioned above the word "FUJITSU". The word "FUJITSU" is rendered in a bold, red, serif typeface. The letter "J" is notably stylized with a long, sweeping tail that extends downwards and to the left.

FUJITSU

shaping tomorrow with you