

SERVICES FOR THE DATA- DRIVEN WORLD

FUJITSU Server PRIMERGY

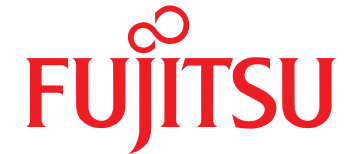
FUJITSU



shaping tomorrow with you

FUJITSU Server PRIMERGY RX Systems

Versatile servers with leading efficiency and performance

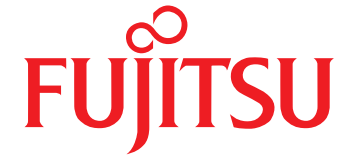


PRIMERGY RX RACK SERVERS

Model	PRIMERGY RX1330 M4	PRIMERGY RX2450 M1	PRIMERGY RX2520 M5	PRIMERGY RX2530 M6	PRIMERGY RX2540 M6	PRIMERGY RX4770 M6
Claim	Small in size and low in cost – rich in optional features	Powerful server that serves your services	Scalable server for essential business apps	Maximum productivity in a 1U housing	The data center standard without compromise	Backend Infrastructure Powering Digital Transformation
Type	Mono-Socket Rack Server (1U)	Dual-Socket Rack Server (2U)	Dual-Socket Rack Server (2U)	Dual-Socket Rack Server (1U)	Dual-Socket Rack Server (2U)	Quad-Socket Rack Server (3U)
Processor	1 x Intel® Xeon® E-2200/E-2100 processors / Intel® Celeron® processor / Intel® Core™ i3 processor / Intel® Pentium® processor	2 x AMD EPYC™ 7002 series processor	1 - 2 x Intel® Xeon® Bronze 3xxx processor / Intel® Xeon® Silver 4xxx processor / Intel® Xeon® Gold 5xxx processor	1 - 2 x Intel® Xeon® Scalable Processors Platinum (83xx), Gold (63xx, 53xx), Silver (43xx)	1 - 2 x Intel® Xeon® Scalable Processors Platinum (83xx), Gold (63xx, 53xx), Silver (43xx)	2 or 4 x Intel® Xeon® Gold 53xxH / Gold 63xxH / Platinum 83xxH processors
Memory	4 (2 banks with 2 DIMMs each) 4 GB - 128 GB DIMM (DDR4)	32 (16 DIMMs per CPU) DIMM (DDR4) ECC 256 GB - 2 TB	12 (6 DIMMs per CPU, 6 channels with 1 DIMM per channel) 8 GB - 768 GB DIMM (DDR4)	32 (16 DIMMs per CPU, 8 channels with 2 slots per channel), DIMM (DDR4 RDIMM, LRDIMM and Intel® Optane™ PMem) 8 GB - 10 TB	32 (16 DIMMs per CPU, 8 channels with 2 slots per channel), DIMM (DDR4 RDIMM, LRDIMM and Intel® Optane™ PMem) 8 GB - 12 TB	48 (12 DIMMs per CPU, 6 channels with 2 slots) DIMM (DDR4 RDIMM, LRDIMM and Intel® Optane™ PMem) 16 GB - 18 TB
Slots	1 x Low profile PCI-Express 3.0 x4 2 x Low profile Length 175mm (PCI-Express 3.0 x8); PCIe slot#1 supports Modular RAID functions	4 x Full height 3x PCIe Gen4 x16 for double-wide GPU, 1x PCIe Gen4 x16	3 x Low profile PCI-Express 3.0 x8 3 x Low profile PCI-Express 3.0 x16	4 x Low profile (2nd processor required for slot 3 / Slot 4 (internal): PCIe Gen4 x8 @ CPU1 is dedicated for the modular RAID Controller)	3 x Low profile PCI-Express 4.0 x8 / 4 x Low profile PCI-Express 4.0 x16 One PCIe Gen4 x8 slot is only for a Modular RAID controller.	11 x whereas 4x full height and 7x low profile
LAN Controller (onboard)	2 x 1 Gbit/s onboard	2 x 1 Gbit/s (Use AOC LAN card)	2 x 1 Gbit/s onboard	2x Dynamic LoM via OCPv3, each with: 4 x 1 Gbit/s (RJ45) 2 x 10 Gbit/s (RJ45), 4 x 10 Gbit/s (RJ45), 2 x 10 Gbit/s (SFP+), 4 x 10 Gbit/s (SFP+), 2 x 25 Gbit/s (QSFP28), 2 x 100 Gbit/s (QSFP28),	1x Dynamic LoM via OCPv3, each with: 4 x 1 Gbit/s (RJ45) 2 x 10 Gbit/s (RJ45), 4 x 10 Gbit/s (RJ45), 2 x 10 Gbit/s (SFP+), 4 x 10 Gbit/s (SFP+), 2 x 25 Gbit/s (QSFP28), 2 x 100 Gbit/s (QSFP28),	Dynamic LoM via OCP slot; OCPv3 compliant: 4 x 1 Gbit/s RJ45, 2 x 10 Gbit/s RJ45 / SFP+, 4 x 10 Gbit/s RJ45 / SFP+, 2 x 25 Gbit/s RJ45 / SFP28, 4 x 25 Gbit/s RJ45 / SFP28)
Graphics Options	NVIDIA® Quadro® P400	NVIDIA® Quadro® RTX4000/RTX6000/RTX8000 / NVIDIA® Tesla® A100/T4 for PCIe (*) <i>* Not available in the first implementation step</i>	NVIDIA® Tesla T4 / NVIDIA® Quadro® P400	NVIDIA® Tesla T4, A100, V100S / NVIDIA® Quadro® P400 / NVIDIA® Quadro® RTX4000, RTX6000, RTX8000 /	NVIDIA® Quadro® P400 / M4000 / P4000 / M5000 / NVIDIA® Tesla® M10 / P40 / M60 / P100 / V100	NVIDIA® Quadro® P400 / RTX4000 / RTX6000 / RTX8000 NVIDIA® Tesla® V100S / T4
Storage Drives	up to 4 x 3.5-inch or 10 x 2.5-inch or 8 x 2.5-inch hot plug SAS/SATA (with up to 4x2.5-inch NVMe PCIe SSDs)	up to 16x 2.5" SATA only + 4x 2.5" SAS/ SATA + 4x 2.5" NVMe (PCIe Gen3)	2.5-inch base units (max. 24 x 2.5) or 3.5-inch base units (max. 12 x 3.5)	Up to 32x EDSFF; 8x 2.5-inch, 10x 2.5-inch or 4x 3.5-inch base units (2x 2.5-inch hot-plug SAS/SATA rear option)	Up to 64x EDSFF; 16x 2.5-inch, 24x 2.5-inch or 12x 3.5-inch base units (2x/4x 2.5-inch hot-plug SAS/SATA/PCIe rear option)	up to 24 x 2.5-inch hot-plug SAS/SATA/PCIe
Fan Configuration	5 hot plug fans (4+1 for redundancy)	4	4 redundant / non hot-plug fan modules	8 redundant / hot-plug fan modules	6 redundant / hot-plug fan modules	4 redundant / hot-plug fan modules
Power Supply Units	1x standard power supply or 1x hot-plug power supply or 2x hot plug power supplies for redundancy depending on model	2 hot-plug power supplies 1,600W hot-swap RPSU @ 240Vac, 80+ Platinum	1x non hot-plug power supply or 2x hot-plug power supply for redundancy	1 x hot-plug power supply or 2 x hot-plug power supply for redundancy	1 x hot-plug power supply or 2 x hot-plug power supply for redundancy	2 hot-plug power supplies (standard)
Remote Management	iRMC S5, 512 MB attached memory incl. graphics controller IPMI 2.0 compatible	Baseboard management controller (BMC)	iRMC S5, 512 MB attached memory incl. graphics controller IPMI 2.0 compatible	iRMC S5, 512 MB attached memory incl. graphics controller IPMI 2.0 compatible	iRMC S5, 512 MB attached memory incl. graphics controller IPMI 2.0 compatible	iRMC S5, 512 MB attached memory incl. graphics controller IPMI 2.0 compatible

FUJITSU Server PRIMERGY TX Systems

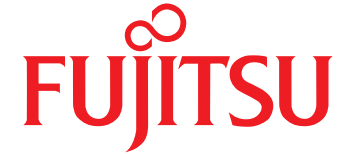
Robust and cost-efficient servers



PRIMERGY TX TOWER SERVERS

Model	PRIMERGY TX1310 M3	PRIMERGY TX1320 M4	PRIMERGY TX1330 M4	PRIMERGY TX2550 M5
Claim	An ideal server for your essential workloads	Ultra-compact advanced server to grow your business	Highly expandable advanced server for typical SME business requirements	Tower powerhouse with the richest feature set
Type	Mono-Socket Tower Server	Mono-Socket Tower Server	Mono-Socket Tower Server	Dual-Socket Tower Server
Processor	1 x Intel® Xeon® processor E3-1200 v6 / Intel® Core™ i3 processor / Intel® Pentium® processor/ Intel® Celeron® processor *	1 x Intel® Xeon® E-2200/E-2100 processors / Intel® Core™ i3 processor/ Intel® Pentium® processor/ Intel® Celeron® processor *	1 x Intel® Xeon® E-2200/E-2100 processors / Intel® Core™ i3 processor/ Intel® Pentium® processor	1 - 2 x Intel® Xeon® Processor Scalable Family
Memory	4 (2 banks with 2 DIMMs each) / 4 GB - 64 GB DIMM (DDR4)	4 (2 banks with 2 DIMMs each) / 4 GB - 128 GB DIMM (DDR4)	4 (2 banks with 2 DIMMs each) / 4 GB - 128 GB DIMM (DDR4)	12 (6 DIMMs per CPU, 6 channels with one DIMM per channel) / 8 GB - 768 GB DDR4 / Support of Intel® Optane™ DC persistent memory DCPMM; max. 1.536 GB in mixed mode w/ 8x LRDIMM + 4x DCPMM
Slots	1 x Full height, up to 215 mm length (PCI-Express 3.0 x4) / 1 x Full height, up to 240 mm length (PCI-Express 3.0 x16) / 2x notched (PCI-Express x1)	1 x Low profile (PCI-Express 3.0 x1, mech. x4) / 1 x Low profile (PCI-Express 3.0 x4) / 2 x Low profile notched (PCI-Express 3.0 x8)	1 x Full height (PCI-Express 3.0 x1, mech. x4) / 1 x Full height (PCI-Express 3.0 x4) / 2 x Full height notched (PCI-Express 3.0 x8)	5 x Full height (PCI-Express 3.0 x8) / 3 x Full height (PCI-Express 3.0 x16) / 1 x PCI 32 (Note: 8 total slots with 1x PCIe 3.0 x16 slot is occupied by riser card)
LAN Controller (onboard)	Intel® i210 onboard 10/100/1000 Mbit/s Ethernet	Intel® i210 onboard 2 x 10/100/1000 Mbit/s Ethernet	Intel® i210 onboard 2 x 10/100/1000 Mbit/s Ethernet	2 x 1 Gbit/s onboard Optional DynamicLoM OCP adaptors: 2 x 10 Gbit/s (RJ45) 2 x 10 Gbit/s SFP+
Graphics Options	NVIDIA® NVS315 / NVIDIA® Quadro® P400	NVIDIA® Quadro® P400	NVIDIA® Quadro® P400	NVIDIA® NVS315 / NVIDIA® Quadro® P400
Storage Drives	up to 4 x 3.5-inch cold-plug SATA	up to 2x 3.5-inch non hot-plug or 8x 2.5-inch hot-plug SAS/SATA (or 4x 2.5-inch drives + 4x NVMe drives)	Up to 12x 3.5-inch (or 8x 3.5-inch + 4x 2.5-inch NVMe) drives or 24x 2.5-inch hot-plug SAS/SATA (or 16x 2.5-inch SAS/SATA + 4x 2.5-inch NVMe) drives	Up to 12x hot plug 3.5" HDD/SSD + 2x non-hp 2.5" HDD/SSD, or up to 32x hot plug 2.5" HDD/SSD including up to 4x PCIe SSD
Fan Configuration	Silent system fans Non hot-plug	up to 3 fan modules	up to 2 fan modules (redundant fan capability via hot-plug PSU base units)	up to 3 (optional non-hot plug redundant or single hot plug red.)
Power Supply Units	1 x standard power supply 250W standard, 85% (Bronze efficiency)	1 x standard, 1 x hot-plug, 2 x hot-plug redundant, 1 x hot-plug + 1 x Fujitsu FJBU (depending on base unit)	1 x standard, 1 x hot-plug, 2 x hot-plug redundant, 1 x hot-plug + 1 x Fujitsu FJBU (depending on base unit)	1x non hot-plug power supply or 2x hot-plug power supply for redundancy
Remote Management	Standard management	iRMC S5, 512 MB attached memory incl. graphics controller IPMI 2.0 compatible	iRMC S5, 512 MB attached memory incl. graphics controller IPMI 2.0 compatible	iRMC S5, 512 MB attached memory incl. graphics controller IPMI 2.0 compatible

FUJITSU Server PRIMERGY CX & GX Systems



Modular and density-optimized servers to scale efficiently



PRIMERGY CX MULTI-NODE SERVERS

Model	PRIMERGY CX400 M6
Claim	Workload specific power in a modular form factor
Type	2U chassis for 19-inch rack
Front Bays	Up to 24x 2.5-inch storage drives (usability depending on the server node)
Rear Bays	4x bays for half width server nodes 2x hot-plug and redundant (optional) power supply units
Power Supply Units	2x hot-plug and redundant power supply units
Fan Configuration	10x hot-plug and redundant fans modules with 9+1 redundancy

PRIMERGY CX SERVER NODES

Model	PRIMERGY CX2550 M6	PRIMERGY CX2560 M6
Claim	HPC Optimized node for scale out workloads	Balanced efficiency and expandability for cloud and virtualization scenarios
Type	Dual-socket 1U server node (half wide)	Dual-socket 1U server node (half wide)
Number of nodes	4x in PRIMERGY CX400 M6	4x in PRIMERGY CX400 M6
Processor	1-2 Intel® Xeon® Silver 43xx processor / Intel® Xeon® Gold 53xx processor	1-2 Intel® Xeon® Silver 43xx processor / Intel® Xeon® Gold 53xx processor
Memory	16 (8 DIMMs per CPU, 8 channels with 1 slots per channel) / 8GB - 4 TB	24 (12 DIMMs per CPU, 8 channels with 2 slots per channel) / 8 GB - 6.1 TB
Slots	2 x low profile PCIe 4.0 x16 slots (via riser card)	2 x low profile PCIe 4.0 x16 slots (via riser card) 1x dedicated RAID slot
LAN Controller (onboard)	1x onboard Intel® i210 10/100/1000 Mbit/s Ethernet	1x onboard Broadcom® BCM5727 10/100/1000/10000 Mbit/s Ethernet
Storage Drives	up to 2x 2.5-inch SAS/SATA/PCIe (in the PRIMERGY CX400 M6 chassis) 2 x M.2 slots	up to 6x 2.5-inch SAS/SATA/PCIe (in the PRIMERGY CX400 M6 chassis) 2 x M.2 slots
Remote Management	iRMC S5	iRMC S5

GPU accelerated servers suited for advanced and futuristic workloads



PRIMERGY GX SERVER

Model	PRIMERGY GX2460 M1	PRIMERGY GX2570 M6
Claim	GPU server optimized for AI, Data Science, VDI and HPC at the right price-performance ratio	Performance oriented server for high-grade AI, Data Science and HPC workloads
Type	Dual-socket Rack Server (2U)	Dual-Socket Rack Server (4U)
Processor	2x AMD EPYC™ 7002 Series Processors	2 Intel® Xeon® Gold 63xx processor / Intel® Xeon® Platinum 83xxV processor
Memory	16 (8 DIMMS per CPU)/16 -64 GB DDR4 RDIMM or 64 GB LRDIMM/ mixing not allowed/ only 8 or 16 DIMM configuration allowed; max. 1024 GB w/16x LRDIMM	32 (16 DIMMS per CPU)/16 -64 GB DDR4 RDIMM/ only 8 or 16 DIMM configuration allowed; max. 2048 GB w/32x RDIMM
Slots	2x Low Profile (PCI-Express 4.0 x 16) / 4x Full Height (PCI-Express 4.0 x 16)	2x Low Profile (PCI-Express 4.0 x 16), available / 8x Low Profile (PCI-Express 4.0 x 16), only for GPU
LAN Controller (onboard)	2x 10/1 Gbit/s, 100Mbit/s	1x 1 Gbit/s, 1/10/25/100 Mbit/s (OCP)
Graphics Options	Up to 4x of NVIDIA Tesla® V100/V100S/T4 or NVIDIA Quadro® RTX4000/6000/8000	8x NVIDIA A100 SXM4 GPUs
Storage Drives	Up to 8x 2.5-inch hot-plug NVMe SSD/SATA drives	Up to 10x 2.5-inch hot-plug (6x NVMe/SAS/SATA + 4x NVMe)
Fan Configuration	5x fans non hot-plug	GPU node : 4x hot-plug fans, CPU node : 8x non hot-plug fans
Power Supply Units	2x hot-plug power supply (80+ Platinum)	4 hot-plug power supplies, 2200W (3+1 configuration, 80+ Platinum)
Remote Management	AST2500 IPMI 2.0 compliant BMC plus Fujitsu ISM	Asped AST2600 BMC