FUJITSU Server PRIMERGY Systems

Servers for the data-driven world

SUPPORT & MAINTENANCE SERVICES
available for the PRIMERGY product range

FUJITSU

FUJITSU x86 servers 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. They are available as expandable tower servers, versatile rack-mount servers, and density-optimized multi-node servers. All of our data center products can be managed using a central tool with single user interface.





PRIMERGY RX RACK-SERVERS

Model	PRIMERGY RX1330 M4	PRIMERGY RX2520 M5	PRIMERGY RX2530 M5	PRIMERGY RX2540 M5	PRIMERGY RX4770 M6
Claim	Small in size and low in cost – rich in optional features	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 (1U)	Dual-Socket Rack Server (2U)	Quad-Socket Rack Server (3U)
Chipset	Intel® C246	Intel® C624	Intel® C624	Intel® C624	Intel® C621A
Mainboard	D3675	D3386-B	D3383-B / D3483-B	D3384-B	D3892
Processor	1 x Intel® Xeon® E-2200/E-2100 processors / Intel® Celeron® processor / Intel® Core™ i3 processor / Intel® Pentium® processor	1 - 2 x Intel® Xeon® Bronze 3xxx processor / Intel® Xeon® Silver 4xxx processor / Intel® Xeon® Gold 5xxx processor	1 - 2 x Intel® Xeon® Bronze 3xxx processor / Intel® Xeon® Silver 4xxx processor / Intel® Xeon® Gold 5xxx processor / Intel® Xeon® Gold 6xxx processor / Intel® Xeon® Platinum 8xxx processor	1 - 2 x Intel® Xeon® Bronze 3xxx processor / Intel® Xeon® Silver 4xxx processor / Intel® Xeon® Gold 5xxx processor / Intel® Xeon® Gold 6xxx processor / Intel® Xeon® Platinum 8xxx processor	2 or 4 x Intel® Xeon® Gold 53xxH processors / Intel® Xeon® Gold 63xxH processors / Intel® Xeon® Platinum 83xxH processors
Memory	4 (2 banks with 2 DIMMs each) 4 GB - 128 GB DIMM (DDR4)	12 (6 DIMMs per CPU, 6 channels with 1 DIMM per channel) 8 GB - 768 GB DIMM (DDR4)	24 (12 DIMMs per CPU, 6 channels with 2 slots) DIMM (DDR4 / DDR-T for non-volatile memory modules) 8 GB - 7.5 TB	24 (12 DIMMs per CPU, 6 channels with 2 slots) DIMM (DDR4 / DDR-T for non-volatile memory modules) 8 GB - 7.5 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	3 x Low profile PCI-Express 3.0 x8 3 x Low profile PCI-Express 3.0 x16	1 x Low profile (2nd processor required for slot 4) PCI-Express 3.0 x8 3 x Low profile (2nd processor required for slot 4) PCI-Express 3.0 x16	3 x Low profile (2nd processor required for slot 4) PCI-Express 3.0 x8 3 x Low profile (2nd processor required for slot 5 and 6) PCI-Express 3.0 x16	11 x whereas 4x full height and 7x low profile
LAN Controller (onboard)	2 x 1 Gbit/s onboard	2 x 1 Gbit/s onboard	2 x 1 Gbit/s onboard Optional DynamicLoM OCP adaptors: 2 x 10 Gbit/s (RJ45), 2 x 10 Gbit/s SFP+, 4 x 1 Gbit/s (RJ45), 4 x 10 Gbit/s SFP+	2 x 1 Gbit/s onboard Optional DynamicLoM OCP adaptors: 2 x 10 Gbit/s (RJ45), 2 x 10 Gbit/s SFP+, 4 x 1 Gbit/s (RJ45), 4 x 10 Gbit/s SFP+	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® NVS315 / NVIDIA® Quadro® P400	NVIDIA® NVS315 / NVIDIA® Quadro® P400	NVIDIA® Quadro® P400 / M4000 / P4000 /M5000 / NVIDIA® Tesla® M10 / P40 / M60 /P100 / V100	NVIDIA® Quadro® NVIDIA® Tesla®
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)	2.5-inch base units (max. 24 x 2.5) or 3.5-inch base units (max. 12 x 3.5)	up to 8 x 2.5-inch, 10 x 2.5-inch or 4 x 3.5-inch base unit	up to 12 x 3.5-inch or 24 x 2.5-inch hot-plug SAS/SATA (4x 2.5-inch hot-plug SAS/SATA 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 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 or1x hot-plug power supply or 2x hot plug power supplies for redundancy depending on model	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 2x 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	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
Special Features	-	-	-	Optional Liquid Cooling (on special request)	

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FUJITSU Server PRIMERGY Systems

Ensure your servers serve your business

QUALITY

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

EFFICIENCY

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

AGILITY

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

INTEGRATION

Seamless integration in heterogeneous environments cut operational cost and complexity





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
Chipset	Intel® C236	Intel® C246	Intel® C246	Intel® C624
Mainboard	D 3521	D3673	D3673	D3386-B
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

PRIMERGY CX MULTI-NODE SERVERS

Model	PRIMERGY CX400 M4
Claim	Workload-specific power in a modular form factor
Type	Multi-node server (2U chassis)
Front Bays	Up to 24x 2.5-inch storage drives (usability depending on the server node)
Rear Bays	4 bays for half witdh server nodes 2x hot-plug and redundant (optional) power supply units 1,600W/2,400 W (94% efficiency)
Fan Configuration	8 hot-plug and redundant fans modules

PRIMERGY CX400 SERVER NODES

Model	PY CX2550 M5	PY CX2560 M5	PY CX2570 M5
Type	Dual-Socket 1U Server Node (half wide)	Dual-Socket 1U Server Node (half wide)	Dual-Socket 2U Server Node (half wide)
Use Case	HPC	Virtualization, Enterprise applications	AI, Deep Learning, HPC
Processor	1 - 2 x Intel® Xeon® Processor Scalable Family		
Memory	16 DIMM slots / 8 GB - 2.048 GB DDR4; Support of Intel® Optane™ DC persistent memory DCPMM, max. 3.584 GB in mixed mode w/ 12x LRDIMM + 4x DCPMM		16 DIMM slots 8 GB-2048 GB (DDR4) R-DIMM, LR-DIMM
PCI Slots	2x PCI-Express 3.0 x16	2x PCI-Express 3.0 x16 / 1x OCP slot	1x PCI-Express 3.0 x16 / 1x OCP slot
Storage Drives	up to 2x 2.5-inch	up to 6x 2.5-inch	up to 6x 2.5-inch
Special Features	Air- / Liquid cooling	-	Support of NVIDIA® Tesla® cards

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* Note: Intel® Celeron® processor available on special release basis