

FUJITSU Server PRIMERGY Systems

Ensure your servers serve your business



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 servers your IT can become the business enabler you've always wanted it to be. PRIMERGY servers supported by the right mix of components and various operating systems will take your IT backend to the next generation, equipping you for whatever challenge the future brings.



PRIMERGY RX RACK-SERVERS

Model	PRIMERGY RX1330 M4	PRIMERGY RX2510 M2	PRIMERGY RX2520 M5	PRIMERGY RX2530 M5	PRIMERGY RX2540 M5	PRIMERGY RX4770 M5
Claim	Small in size and low in cost – rich in optional features	The balanced server that serves your services	Scalable server for essential business apps	Maximum productivity in a 1U housing	The data center standard without compromise	Power for the backend of digitalization
Type	Mono-Socket Rack Server (1U)	Dual-Socket Rack Server (1U)	Dual-Socket Rack Server (2U)	Dual-Socket Rack Server (1U)	Dual-Socket Rack Server (2U)	Quad-Socket Rack Server (2U)
Chipset	Intel® C246	Intel® C612	Intel® C624	Intel® C624	Intel® C624	Intel® C624
Mainboard	D3675	D3279-H	D3386-B	D3383-B / D3483-B	D3384-B	D3753-C
Processor	1 x Intel® Xeon® E-2100 processor family / Intel® Celeron® processor / Intel® Core™ i3 processor / Intel® Pentium® processor	1 - 2 x Intel® Xeon® processor E5-2600 v4 product family	1 - 2 x Intel® Xeon® Processor Scalable Family	1 - 2 x Intel® Xeon® Processor Scalable Family	1 - 2 x Intel® Xeon® Processor Scalable Family	2 or 4 x Intel® Xeon® Processor Scalable Family
Memory	4 (2 banks with 2 DIMMs each) 4 GB - 64 GB DIMM (DDR4)	12 (6 DIMMs per CPU, 2 channels with 3 slots per channel) / 8 GB - 384 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 per channel) 8 GB - 3.072 GB DIMM (DDR4) / Support of Intel® Optane™ DC persistent memory DCPMM; max. 7.680 GB in mixed mode w/ 12x RDIMM + 12x DCPMM	24 (12 DIMMs per CPU, 6 channels with 2 slots per channel) 8 GB - 3.072 GB DIMM (DDR4) / Support of Intel® Optane™ DC persistent memory DCPMM; max. 7.680 GB in mixed mode w/ 12x RDIMM + 12x DCPMM	48 (12 DIMMs per CPU, 6 channels with 2 slots per channel) 16 GB - 6 TB DIMM (DDR4) / Support of Intel® Optane™ DC persistent memory DCPMM; max. 15 TB in mixed mode w/ 24x RDIMM + 24x DCPMM
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	2 x Low profile PCI-Express 3.0 x8 2 x Low profile (2nd CPU required for slot 4) PCI-Express 3.0 x16	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	8 x PCI-Express 3.0 x16 whereas 4x full height and 4x low profile with up to 167mm length
LAN Controller (onboard)	2 x 1 Gbit/s onboard	Onboard RAID 0/1 6Gbit/s	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+	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+
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	-
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 8 x 2.5-inch or 4 x 3.5-inch	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 16 x 2.5-inch hot-plug SAS/SATA/PCIe
Fan Configuration	5 hot plug fans (4+1 for redundancy)	6 redundant / hot-plug fan modules	4 redundant / non hot-plug fan modules	8 redundant / hot-plug fan modules	6 redundant / hot-plug fan modules	12 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	1+1 hot-plug power supply	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), single power supply configuration possible
Remote Management	iRMC S5, 512 MB attached memory incl. graphics controller IPMI 2.0 compatible	iRMC S4, 256 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)	Optional Liquid Cooling (on special request)

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Traditional Values. Innovative Success.



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-2100 processor family / Intel® Core™ i3 processor / Intel® Pentium® processor / Intel® Celeron® processor *	1 x Intel® Xeon® E-2100 processor family / 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 - 64 GB DIMM (DDR4)	4 (2 banks with 2 DIMMs each) / 4 GB - 64 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-hot-plug 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 width 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