

FUJITSU

SERVERS FOR THE
DATA-DRIVEN WORLD

Fujitsu PRIMERGY Server



Fujitsu PRIMERGY portfolio

Powerful servers right-sized for even the most challenging workloads



RX Systems



Versatile servers with leading efficiency and performance

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Robust and cost-efficient servers

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Modular and density-optimized servers to scale efficiently

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GPU accelerated servers suited for advanced and futuristic workloads

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Fujitsu PRIMERGY RX Systems

Versatile servers with leading efficiency and performance



PRIMERGY RX1330 M5



PRIMERGY RX1440 M2



PRIMERGY RX2530 M7

	Claim
	Type
	Processor
	Memory
	Slots
	LAN Controller (onboard)
	Storage devices
	Graphics options
	Fan configuration
	Power Supply Unit
	Remote Management

Cost-efficient, compact platform with exceptional flexibility

Mono-Socket Rack Server (1U)

1 x Intel® Xeon® E-2300 processor / Intel® Pentium® processor

4 (2 banks with 2 DIMMs each)
4 GB - 128 GB DIMM (DDR4)

2 x PCI-Express 4.0 x8,
1 x PCI-Express 3.0 x4

Intel® i210 onboard
2 x 10/100/1000 Mbit/s Ethernet

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 SSDs)

NVIDIA® Tesla® T400

5x single hot-plug fans or 5x dual hot-plug fans (4+1 redundancy, depends on system configuration)

1x standard power supply or 1x hot-plug power supply or 2x hot-plug power supplies for redundancy depending on model

iRMC S6, 1024 MB attached memory incl. graphics controller

Powerful compact server that serves your AI, HCI and VDI workloads

Mono Socket Rack Server (1U)

1 x AMD EPYC™ 9004 series processor (with up to 128 cores)

24 (24 DIMMs per CPU) DIMM (DDR5)
up to 6 TB memory

3x PCIe 5.0, 1x Internal for RAID card option,
2x M.2 SATA/NVMe onboard; SAS 24G capable internals, 1x OCP v3
3x low profile GPU (e.g. A2/L4) or 1x T400

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 SFP28, 4 x 25 Gbit/s SFP28, 2 x 100 Gbit/s QSFP28)

Up to 10x 2.5-inch SATA/SAS/NVMe Upgrade kit+ 3x or 2x 2.5-inch rear bays

NVIDIA® A2, 200GB/s, 16GB GDDR6, PCIe 4.0 x8
NVIDIA® T400 4GB, 4 GB, 384 cores, 4GB, PCIe x16, 3 x miniDP

7+1x hot-plug redundant

2x hot-plug power supplies

iRMC S6 (based on Aspeed AST2600 BMC) with PFR, IPMI 2.0 compatible

Maximum productivity in a 1U housing

Dual-Socket Rack Server (1U)

1 - 2 x 4th or 5th Gen. Intel® Xeon® Scalable Processors Platinum (84xx), Gold (64xx, 54xx), Silver (44xx)

32 (16 DIMMs per CPU, 8 channels with 2 slots per channel); DIMM (DDR5 RDIMM and Intel® Optane™ PMem), 16GB -8TB

4x Low profile PCIe 5.0 (2nd processor required for slot 3 / Slot 4 (internal): PCIe 4.0 x8 @CPU1 is dedicated for the modular RAID Controller)

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),

Up to 8x 2.5-inch, 10x 2.5-inch SAS/SATA/PCIe or 4x 3.5-inch SAS/SATA (2x 2.5-inch hot-plug SAS/SATA rear option)

NVIDIA® Ampere A2/ T400 4GB

8x redundant / hot-plug fan modules

1 x hot-plug power supply or
2 x hot-plug power supply for redundancy

iRMC S6, 1024MB attached memory incl. graphics controller IPMI 2.0 compatible

Fujitsu PRIMERGY RX Systems

Versatile servers with leading efficiency and performance



PRIMERGY RX2450 M2



PRIMERGY RX2540 M7



PRIMERGY RX4770 M7



PRIMERGY RX8770 M7



Claim

Powerful server that serves your performance and security requirements

The data center standard without compromise

Backend Infrastructure Powering Digital Transformation

High End In-Memory Database Leadership



Type

Dual-Socket Rack Server (2U)

Dual-Socket Rack Server (2U)

Quad-Socket Rack Server (3U)

Octo-Socket Rack Server (6U)



Processor

2 x AMD EPYC 9004 series processors

1 - 2 x 4th or 5th Gen. Intel® Xeon® Scalable Processors Platinum (84xx), Gold (64xx, 54xx), Silver (44xx)

2 or 4 x Intel® Xeon® Gold 54xxH / Gold 64xxH / Platinum 84xxH processors

8x Intel® Xeon® Platinum 84xxH processors



Memory

24 (24 DIMMs per CPU) DIMM (DDR5)
16 GB - 6 TB

32 (16 DIMMs per CPU, 8 channels with 2 slots per channel), DIMM (DDR5 RDIMM, LRDIMM)
16GB - 8TB

48 (12 DIMMs per CPU, 6 channels with 2 slots) DIMM (DDR4 RDIMM, LRDIMM),
16 GB - 18 TB

128 (16 DIMMs per CPU, 8 Memory channels each 2 DIMM, each memory line can be populated by 2 DIMMs or by 1 DIMM plus 1 DCPMM) up to 64TB



Slots

8x PCIe 5.0, Internal RAID card option
2x M.2 SATA/NVMe onboard; SAS 24G capable internals
1x OCP v3, 4x low profile GPU (e.g. A2/L4) or 2x FHFL GPU (e.g. A30/A40)

2 x Low profile PCIe 5.0 x16 / 4 x Low profile PCIe 4.0/5.0 x8 /x16, one PCIe Gen4 x8 slot is only for a Modular RAID controller, may be occupied with it if configured.

11 x whereas 4x full height and 7x low profile

12/24x PCIe 5.0 slots



LAN Controller (onboard)

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 SFP28, 4 x 25 Gbit/s SFP28, 2 x 100 Gbit/s QSFP28)

OCPv3 slots for optional OCP adaptors:
4 x 1 Gbit/s Ethernet (RJ45), 2 x 10 Gbit/s Ethernet (RJ45), 4 x 10 Gbit/s Ethernet (RJ45), 2 x 10 Gbit/s SFP+, 4 x 10 Gbit/s SFP+, 2 x 25 Gbit/s SFP28, 4 x 25 Gbit/s SFP28, 2x 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)

1x 1GbE LAN port (RJ45 connector).
1x dedicated management port from BMC



Storage devices

Up to 24x 2.5-inch SATA/SAS/NVMe
Upgrade kit+ 4x + 2x 2.5-inch rear bays

Up to 16x 2.5-inch, 24x 2.5-inch or 12x 3.5-inch base units (2x2.5-inch or 4x 2.5-inch hot-plug SAS/SATA/PCIe rear option)

Up to 24 x 2.5-inch hot-plug

Up to 24x 2.5-inch hot-plug SAS/SATA/PCIe



Graphics options

NVIDIA H100 / NVIDIA A16 / NVIDIA A30 / NVIDIA A2 / NVIDIA T400

NVIDIA® A100/ A30/ A40/ RTX A6000/ A16/ A2/ T400 4GB/ RTXA4500/ A30X/ A100x/ H100/ L40

NVIDIA® Quadro® P400 / RTX4000 / RTX6000 / RTX8000
NVIDIA® Tesla® V100S



Fan configuration

6x hot-plug redundant (N+1)

6x redundant / hot-plug fan modules

4x redundant / hot-plug fan modules

10x redundant/ hot-plug fan modules



Power Supply Unit

2x hot-plug power supplies

1 x hot-plug power supply or
2 x hot-plug power supply for redundancy

2x hot-plug power supplies (standard)

6x hot-plug power supplies



Remote Management

iRMC S6 (based on Aspeed AST2600 BMC) with PFR, IPMI 2.0 compatible

iRMC S6, 1024 MB attached memory incl. graphics controller IPMI 2.0 compatible

iRMC S6, 1024 MB attached memory incl. graphics controller IPMI 2.0 compatible

Standard BMC

Fujitsu PRIMERGY TX Systems

Robust and cost-efficient servers



PRIMERGY TX1310 M5



PRIMERGY TX1320 M5



PRIMERGY TX1330 M5



PRIMERGY TX2550 M7

	Claim
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	Graphics options
	Fan configuration
	Power Supply Unit
	Remote Management

An ideal modern server for your essential workloads
Mono-Socket Tower Server
1 x Intel® Xeon® E-2300 processor / Intel® Pentium® processor
4 (2 banks with 2 DIMMs each) / 8 GB - 128 GB (DDR4)
1 x Low profile (PCI-Express 4.0 x16) / 2 x Low profile (PCI-Express 3.0 x4) / 1 x Low profile (PCI-Express 3.0 x1)
Intel® i210 onboard 2 x 10/100/1000 Mbit/s Ethernet
Up to 4 x 3.5-inch cold-plug
NVIDIA® Tesla T400
2 x system fans Non hot-plug
1 x standard power supply
Standard management

Ultra-compact advanced technology server to accelerate your business
Mono-Socket Tower Server
1 x Intel® Xeon® E-2300 processor / Intel® Pentium® processor
4 (2 banks with 2 DIMMs each) / 8 GB - 128 GB (DDR4)
2 x Low profile (PCI-Express 4.0 x8) / 2 x Low profile (PCI-Express 3.0 x4) Note: The two PCIe 4.0 x8 slots can be converted into a single PCIe 4.0 x16 slot
Intel® i210 onboard 2 x 10/100/1000 Mbit/s Ethernet
Up to 2 x 3.5-inch non hot-plug or 8 x 2.5-inch hot-plug SAS/SATA (or 4 x 2.5-inch)
NVIDIA® Tesla T400
2 x system fans
1 x standard, 1 x hot-plug, 2 x hot-plug redundant
iRMC S6, 1024 MB attached memory incl. graphics controller IPMI 2.0 compatible

Highly expandable new-generation server for typical SME business requirements
Mono-Socket Tower Server
1 x Intel® Xeon® E-2300 processor / Intel® Pentium® processor
4 (2 banks with 2 DIMMs each) / 8 GB - 128 GB (DDR4)
2 x Low profile (PCI-Express 4.0 x8) / 2 x Low profile (PCI-Express 3.0 x4) Note: The two PCIe 4.0 x8 slots can be converted into a single PCIe 4.0 x16 slot
Intel® i210 onboard 2 x 10/100/1000 Mbit/s Ethernet
Up to 12 x 3.5-inch (or 8 x 3.5-inch + 4 x 2.5-inch NVMe) drives or 24 x 2.5-inch hot-plug SAS/SATA (or 16 x 2.5-inch SAS/SATA + 4 x 2.5-inch NVMe) drives
NVIDIA® RTX A4000 / NVIDIA® Tesla T400
2 x fan modules (redundant fan capability)
1 x standard, 1 x hot-plug, 2 x hot-plug redundant
iRMC S6, 1024 MB attached memory incl. graphics controller IPMI 2.0 compatible

Tower powerhouse with the richest feature set
Dual-Socket Tower Server
1 - 2 x 4th or 5th Gen. Intel® Xeon® Scalable Processors Platinum (84xx), Gold (64xx, 54xx), Silver (44xx)
16 (8 DIMMs per CPU, 8 channels with one DIMM per channel) / 16 GB - 4 TB DDR5
8 x Full height (PCI-Express 5.0/4.0 x8) / 6 x Full height (PCI-Express 5.0 x16) / 4 x Full height (PCI-Express 4.0 x16) / 6x PCIe slots are on board, with optional riser card
2x LAN RJ45 (additional 2x RJ45 optionally available)
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 up to 3x 1.6" drive bays for ODD or backup
Up to 4 GPGPU cards possible NVIDIA® RTX A4000/ RTX A6000 / A40, NVIDIA® A100 40GB, A100 80GB for PCIe
4x (N+1) hotplug and redundant fans
1x non hot-plug power supply or 2x hot-plug power supply for redundancy
iRMC S6, 1024 MB attached memory incl. graphics controller IPMI 2.0 compatible

Fujitsu PRIMERGY CX Systems

Modular and density-optimized servers to scale efficiently



PRIMERGY CX400 M7



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 Unit

2x hot-plug and redundant power supply units



Fan configuration

10x hot-plug and redundant fans modules with 9+1 redundancy



PRIMERGY CX2550 M7



Claim

HPC Optimized node for scale out workloads



Type

Dual-socket 1U server node (half wide)



Number of nodes

4x in PRIMERGY CX400 M7



Processor

1 - 2 x 4th or 5th Gen. Intel® Xeon® Scalable Processors Gold (64xx, 54xx), Silver (44xx)



Memory

16 (8 DIMMs per CPU, 8 channels with 1 slots per channel) / 8 GB - 6 TB



Slots

2 x low profile PCIe 5.0 x16 slots (via riser card)



LAN Controller (onboard)

1x onboard Intel® i210 10/100/1000 Mbit/s Ethernet



Storage devices

up to 2x 2.5-inch SAS/SATA/PCIe (in the PRIMERGY CX400 M7 chassis)
2 x M.2 slots



Remote Management

iRMC S6



PRIMERGY CX2560 M7

Balanced efficiency and expandability for cloud and virtualization scenarios

Dual-socket 1U server node (half wide)

4x in PRIMERGY CX400 M7

1 - 2 x 4th or 5th Gen. Intel® Xeon® Scalable Processors Gold (64xx, 54xx), Silver (44xx)

24 (12 DIMMs per CPU, 8 channels with 2 slots per channel) / 8 GB - 8 TB

2 x low profile PCIe 5.0 x16 slots (via riser card)
1x dedicated RAID slot

1x onboard Broadcom® BCM5727 10/100/1000/10000 Mbit/s Ethernet

up to 6x 2.5-inch SAS/SATA/PCIe (in the PRIMERGY CX400 M7 chassis)
2 x M.2 slots

iRMC S6

Fujitsu PRIMERGY GX Systems

GPU accelerated servers suited for advanced and futuristic workloads



PRIMERGY GX2560 M7



Claim

Elevate your business to new heights and stay ahead of the competition



Type

Dual-Socket Rack Server (4U)



Processor

2 x Intel® Xeon® Gold 54xx processor / Intel® Xeon® Gold 64xx processor / Intel® Xeon® Platinum 84xx processor



Memory

32x DIMMs DDR5
Up to 2 TB



Slots

6x PCIe 5.0



LAN Controller
(onboard)

4 x 1 Gbit/s Ethernet (RJ45), 2 x 10 Gbit/s Ethernet (RJ45), 2 x 10 Gbit/s SFP+ 4 x 10 Gbit/s SFP+, 2 x 25 Gbit/s SFP+, 2x 100 Gbit/s QSFP28



Storage devices

6x 2.5-inch NVMe/SAS/SATA



Graphics options

4x NVIDIA HGX H100 80GB SXM5 GPUs
(NVIDIA HGX Board with NVLink)



Fan configuration

5x FANs



Power Supply Unit

4x 3.000W (2+2) hot-plug



Remote Management

Aspeed AST2600 BMC