

Data Sheet

FUJITSU Server PRIMERGY® RX2540 M5 Rack Server

The data center standard without compromise

FUJITSU Server PRIMERGY will give you the servers you need to power any workload and changing business requirements. As business processes expand so does the need for applications. Each has its own resource footprint, so you need a way to optimize your computing to better serve your users. PRIMERGY systems will help you match your computing capabilities to your business priorities with our complete portfolio of expandable PRIMERGY tower servers for remote and branch offices, versatile rack-mount servers as well as hyper-converged multi-node servers. They convince by business proven quality with a wide range of innovations, highest efficiency cutting operational cost and complexity, provide more agility in daily operations, and integrate seamlessly to let help you concentrate on core business functions.

FUJITSU Server PRIMERGY RX rack systems are versatile rack-optimized servers providing best-in-class performance and energy efficiency, and thus form the "standard" in each data center. PRIMERGY RX servers deliver more than 20 years of development and production know-how resulting in extremely low failure rates below market average, and lead to continuous operations and outstanding hardware availability.

PRIMERGY RX2540 M5

The FUJITSU Server PRIMERGY RX2540 M5 sets higher standards for usability, scalability and cost efficiency. It is a 2U dual-socket rack server ideal for running enterprise applications, collaboration and messaging workloads as well as traditional databases. In addition, it substantially simplifies carrying out infrastructure-related tasks such as server virtualization and consolidation. As one of the key innovations, versatile performance is guaranteed by a new generation of processors. The PRIMERGY RX2540 M5 can be equipped with two of the Intel® Xeon® Processor Scalable Family CPUs with up to 28 cores each. Along with new

DDR4 memory technology with up to 3TB and optionally up to 12x Intel® Optane™ DC Persistent Memory NV-DIMM modules it boosts application performance so that it copes with the increasing data growth and to shorten time to business results. The modular design of the server offers excellent expandability with up to 28 disk drives, high storage density, up to 8 PCIe Gen 3 I/O expansion slots. A variety of onboard DynamicLoM options, plus its dual-port embedded LAN meet future requirements, cost-optimized. The PRIMERGY RX2540 M5 comes with two redundant hot-plug power supply units, offering up to 96% energy efficiency. The Cool-safe® Advanced Thermal Design allows operation in ambient temperatures of up to 104 °F. Having both these features helps to reduce operational expenses.



Features & Benefits

Main Features

Innovation meets Performance

- Wide choice of different types of Intel® Xeon® Scalable Processor Family. Each processor offers up to 28 cores, up to 56 threads, 12 memory channels enabling a significantly higher performance and efficiency. They rely on Intel® UltraPath Interconnect for an increased data rate between the CPUs. Intel® Optane™ DC persistent memory is an innovative memory technology that delivers a unique combination of affordable large capacity and persistence (non-volatility). It revolutionizes the data center memory-storage hierarchy of the past and brings massive data sets closer to the CPU for faster time to insight. In total, up to 7,680 GB main memory in a mixed mode (non-volatile memory + DDR4 @ 2,933 MT/s) are available. What's more is the support for up to 2x GPGPUs for fast processing.

Enhanced Features for enhanced Computing

- The RX2540 M5 comes with onboard LAN for basic LAN, DynamicLoM via OCP slot for extended requirements. A mix&match storage drive bay configuration offers the choice of either up to 8x 3.5-inch HDD/SSD + 1x ODD, 12x 3.5-inch or up to 24x 2.5-inch, up to 8x PCIe 2.5-inch SSD + an additional rear option of 4x 2.5-inch drives, complemented by internal M.2 devices for hypervisor installations. Our power supply units with up to 96% energy efficiency and Fujitsu Cool-safe Advanced Thermal Design for higher ambient temperatures in the data center are available for this server.

Foundation for Trust and Security

- Fujitsu ServerView® Suite including tools for installation and deployment, permanent status monitoring and control, free-of-charge BIOS, firmware and selected software updates plus TPM2.0 modules and latest operating system support are a great addition.

Revolutionize data center management

- Fujitsu ServerView Suite is a free-of-charge management software including tools for installation and deployment, permanent status monitoring and control as well as BIOS, firmware and selected software updates. In addition FUJITSU Software Infrastructure Manager (ISM) provides converged management across multiple data centers. The new ISM Essential license, available free-of-charge provides essential server management and converged monitoring functions.

Benefits

- Ready for the future and data growth scenarios with the performance of two processors – marking the standard of tomorrow with an increase in computing power. Several innovations make this new CPU generation (code-named “Cascade Lake”) even more powerful than the current-generation Intel® Xeon® Scalable processors, enabling robust compute capability and increased memory bandwidth for demanding workloads. Intel® Optane™ DC persistent memory technology will transform critical data workloads – from cloud and databases, to in-memory analytics, and content delivery networks but also for VDI, CAD or future technologies such as Artificial Intelligence of Virtual Reality applications.
- The right Ethernet connection for all: Basic via onboard LAN, extended with DynamicLoM via OCP ensures the highest flexibility to integrate the server into existing infrastructures – now and in future without overhauling the existing infrastructure. Flexible expandability and diverse options for storage devices permits for the integration of existing and new SSD and HDD as needed. Less today, more in future – or vice versa. On top of that, this server is not only “greener”, but also less expensive over time. Cool-safe ATD and highly efficient hot-plug power supplies save energy costs.
- These features ensure lifecycle investment protection while the comprehensive tools of the Fujitsu ServerView Suite ease the administrators' life. Moreover, hardware and software security features are very important in a fast-paced world, especially considering cybercrime.
- Fujitsu offers comprehensive infrastructure management and server management solutions which is key to efficient data center operations. They provides all the functions for flexible and automated 24x7 IT operations and improves end-user productivity via intelligent and innovative system management solutions. ISM helps improve data center efficiency and overall IT Productivity with converged infrastructure management, paving the path to software-defined data center.

Technical details

PRIMERGY RX2540 M5					
Base unit	PRIMERGY RX2540 M5 LFF	PRIMERGY RX2540 M4 LFF	PRIMERGY RX2540 M5 SFF	PRIMERGY RX2540 M5 SFF	PRIMERGY RX2540 M5 SFF
Housing types	Rack	Rack	Rack	Rack	Rack
Storage drive architecture	4x 3.5-inch SAS/SATA	max. 12x 3.5-inch SAS/SATA/PCIe	16x 2.5-inch SAS/SATA/PCIe	8x 2.5-inch SAS/SATA/PCIe	24x 2.5-inch SAS/SATA
Power supply	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug
Product Type	Dual Socket Rack Server	Dual Socket Rack Server	Dual Socket Rack Server	Dual Socket Rack Server	Dual Socket Rack Server
Mainboard					
Mainboard type	D3384-B				
Chipset	Intel® C624				
Processor quantity and type	1 - 2 x Intel® Xeon® Processor Scalable Family				
Intel® Xeon® Silver Processor					
	Intel® Xeon® Silver 4214 (12C, 2.20 GHz, TLC: 16.5 MB, Turbo: 2.70 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 1.80 GHz, AVX Turbo 2.40 GHz)				
	Intel® Xeon® Silver 4214Y (12C, 2.20 GHz, TLC: 16.5 MB, Turbo: 2.70 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 1.80 GHz, AVX Turbo 2.40 GHz)				
	Intel® Xeon® Silver 4215 (8C, 2.50 GHz, TLC: 11 MB, Turbo: 3.00 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz)				
	Intel® Xeon® Silver 4216 (16C, 2.10 GHz, TLC: 22 MB, Turbo: 2.70 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 100 W, AVX Base 1.40 GHz, AVX Turbo 2.30 GHz)				
Intel® Xeon® Gold Processor					
	Intel® Xeon® Gold 5215 (10C, 2.50 GHz, TLC: 13.75 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 85 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz)				
	Intel® Xeon® Gold 5215L (10C, 2.50 GHz, TLC: 13.75 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 85 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz)				
	Intel® Xeon® Gold 5215M (10C, 2.50 GHz, TLC: 13.75 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 85 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz)				
	Intel® Xeon® Gold 5217 (8C, 3.00 GHz, TLC: 11 MB, Turbo: 3.40 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 115 W, AVX Base 2.50 GHz, AVX Turbo 3.00 GHz)				
	Intel® Xeon® Gold 5218 (16C, 2.30 GHz, TLC: 22 MB, Turbo: 2.80 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 125 W, AVX Base 1.80 GHz, AVX Turbo 2.30 GHz)				
	Intel® Xeon® Gold 5220 (18C, 2.20 GHz, TLC: 24.75 MB, Turbo: 2.70 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 125 W, AVX Base 1.80 GHz, AVX Turbo 2.50 GHz)				
	Intel® Xeon® Gold 5222 (4C, 3.80 GHz, TLC: 16.5 MB, Turbo: 3.90 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 105 W, AVX Base 3.80 GHz, AVX Turbo 3.80 GHz)				
	Intel® Xeon® Gold 6230 (20C, 2.10 GHz, TLC: 27.5 MB, Turbo: 2.80 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 125 W, AVX Base 1.60 GHz, AVX Turbo 2.40 GHz)				
	Intel® Xeon® Gold 6240 (18C, 2.60 GHz, TLC: 24.75 MB, Turbo: 3.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 2.00 GHz, AVX Turbo 2.80 GHz)				
	Intel® Xeon® Gold 6240Y (18C, 2.60 GHz, TLC: 24.75 MB, Turbo: 3.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 2.00 GHz, AVX Turbo 2.80 GHz)				
	Intel® Xeon® Gold 6242 (16C, 2.80 GHz, TLC: 22 MB, Turbo: 3.50 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 2.30 GHz, AVX Turbo 3.10 GHz)				
	Intel® Xeon® Gold 6244 (8C, 3.60 GHz, TLC: 24.75 MB, Turbo: 4.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 3.00 GHz, AVX Turbo 3.90 GHz)				
	Intel® Xeon® Gold 6248 (20C, 2.50 GHz, TLC: 27.5 MB, Turbo: 3.20 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 1.90 GHz, AVX Turbo 2.80 GHz)				
	Intel® Xeon® Gold 6252 (24C, 2.10 GHz, TLC: 35.75 MB, Turbo: 2.80 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 1.70 GHz, AVX Turbo 2.40 GHz)				
	Intel® Xeon® Gold 6254 (18C, 3.10 GHz, TLC: 24.75 MB, Turbo: 3.90 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 200 W, AVX Base 2.70 GHz, AVX Turbo 3.40 GHz)				

Intel® Xeon® Platinum Processor	Intel® Xeon® Platinum 8260 (24C, 2.40 GHz, TLC: 35.75 MB, Turbo: 3.10 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.90 GHz, AVX Turbo 2.60 GHz) Intel® Xeon® Platinum 8260L (24C, 2.40 GHz, TLC: 35.75 MB, Turbo: 3.10 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.90 GHz, AVX Turbo 2.60 GHz) Intel® Xeon® Platinum 8260M (24C, 2.40 GHz, TLC: 35.75 MB, Turbo: 3.10 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.90 GHz, AVX Turbo 2.60 GHz) Intel® Xeon® Platinum 8260Y (24C, 2.40 GHz, TLC: 35.75 MB, Turbo: 3.10 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.80 GHz, AVX Turbo 2.50 GHz) Intel® Xeon® Platinum 8268 (24C, 2.90 GHz, TLC: 35.75 MB, Turbo: 3.50 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 205 W, AVX Base 2.40 GHz, AVX Turbo 3.00 GHz) Intel® Xeon® Platinum 8270 (26C, 2.70 GHz, TLC: 35.75 MB, Turbo: 3.40 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 205 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz) Intel® Xeon® Platinum 8276 (28C, 2.20 GHz, TLC: 38.5 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.70 GHz, AVX Turbo 2.60 GHz) Intel® Xeon® Platinum 8276L (28C, 2.20 GHz, TLC: 38.5 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.70 GHz, AVX Turbo 2.60 GHz) Intel® Xeon® Platinum 8276M (28C, 2.20 GHz, TLC: 38.5 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.70 GHz, AVX Turbo 2.60 GHz) Intel® Xeon® Platinum 8280 (28C, 2.70 GHz, TLC: 38.5 MB, Turbo: 3.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 205 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz) Intel® Xeon® Platinum 8280L (28C, 2.70 GHz, TLC: 38.5 MB, Turbo: 3.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 205 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz) Intel® Xeon® Platinum 8280M (28C, 2.70 GHz, TLC: 38.5 MB, Turbo: 3.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 205 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz)
Memory slots	24 (12 DIMMs per CPU, 6 channels with 2 slots per channel)
Memory slot type	DIMM (DDR4 / DDR-T for non-volatile memory modules)
Memory capacity (min. - max.)	8 GB - 7.5 TB
Memory protection	Advanced ECC Memory Scrubbing SDDC Rank sparing memory support Memory Mirroring support
Memory notes	Max. 6 slots populated with DCPMM modules per CPU, please see relevant system configurator for details. Memory Mirroring Mode with identical modules in both channel pairs of a bank (4 or 6 modules per bank) per CPU. Rank Sparing Mode with minimum of 2 modules single ranked (1R) or dual ranked (2R) or 1 module quad ranked (4R) per CPU.
Standard memory modules	8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx8 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx8 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4 32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4 64 GB (1 module(s) 64 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4 128 GB (1 module(s) 128 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4 64 GB (1 module(s) 64 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4
Non-volatile memory modules	256 GB (2 module(s) 128 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4 512 GB (2 module(s) 256 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 2Rx4 512 GB (4 module(s) 128 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4 1024 GB (4 module(s) 256 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 2Rx4 768 GB (6 module(s) 128 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4 1536 GB (6 module(s) 256 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 2Rx4 3072 GB (6 module(s) 512 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 4Rx4
Interfaces	
USB 3.0 ports	5 x USB 3.0 (2x front, 2x rear, 1x internal) - for base units with max. drives count: 1x USB 2.0 front only
Graphics (15-pin)	2 x VGA (thereof 1x front optional)
Serial 1 (9-pin)	1 x serial RS-232-C optional, usable for iRMC or system or shared

Interfaces

Management LAN (RJ45)	1 x dedicated management LAN port for iRMC S5 (10/100/1000 Mbit/s) Management LAN traffic can be switched to shared onboard LAN controller port, speed and connector is related to installed interface card.
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Onboard or integrated Controller

RAID controller	All hardware storage controller options are described under Components For dedicated base units front AND rear storage drives may be connected to a single controller. Please see SystemArchitect for configuration options and restrictions.
SATA Controller	Intel® C624, 1 x SATA channel for ODD
LAN Controller	Intel® C624 2 x 1 Gbit/s onboard Optional DynamicLoM OCP adaptors: 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+ All supported features are described in relevant system configurator.
Remote management controller	Integrated Remote Management Controller (iRMC S5, 512 MB attached memory incl. graphics controller) IPMI 2.0 compatible
GPU / coprocessor	GFX/GPU support for dedicated base units. Please see relevant SystemArchitect for details and restrictions.
Onboard controller notes	Onboard 8x S-ATA 6Gbit/s RAID Controller (RAID 0, 1) for up to 8x S-ATA drives available.
Trusted Platform Module (TPM)	Infineon / TPM 1.2 or TPM 2.0 module; TCG compliant (option)

Slots

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 5 and 6)
Slot Notes	One PCIe Gen3 x8 slot may be occupied with a Modular RAID controller if configured. Important: 3 PCIe slots are supported with the first processor. 6 PCIe slots are supported with two processors. PCIe riser card options can expand number of slots by two (max. 8 in total) and support max. 4 full height slots. Possible slot length described in relevant system configurator.

Drive bays

Storage drive bays	3.5-inch or 2.5-inch hot-plug SAS/SATA
Accessible drive bays	1 x 5.25/0.4-inch for CD-RW/DVD
Notes accessible drives	All possible options described in relevant system configurator.
Optional hard disk bays	4x 2.5-inch hot-plug SAS/SATA rear option

Drive bays (Base unit specific)

Storage drive bays	4 x 3.5-inch hot-plug SAS/SATA	12 x 3.5-inch hot-plug SAS/SATA	16 x 2.5-inch hot-plug SAS/SATA	8 x 2.5-inch hot-plug SAS/SATA	24 x 2.5-inch hot-plug SAS/SATA
Accessible drive bays	1 x 5.25/0.4-inch for CD-RW/DVD		1 x 5.25/0.4-inch for CD-RW/DVD	1 x 5.25/0.4-inch for CD-RW/DVD	
Optional accessible drives	ODD 5.25" possible	ODD 5.25" NOT possible	ODD 5.25" possible	ODD 5.25" possible	ODD 5.25" NOT possible

General system information

Number of fans	6
Fan configuration	redundant / hot-plug
Fan notes	3x2 redundant

Operating panel

Operating buttons	On/off switch Reset button NMI button ID button
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Operating panel

Status LEDs	System status (orange / yellow) Identification (blue) Hard disks access (green) Power (amber / green) At system rear side: System status (orange / yellow) Identification (blue) LAN connection (green) LAN speed (green / yellow)
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BIOS

BIOS features	UEFI compliant Legacy BIOS compatibility customer configuration option Secure boot support ROM based setup utility GPT support for boot drives larger than 2.2 TB Memory Redundancy support (Mirroring, Sparing) IPMI support Recovery BIOS BIOS settings save and restore Local BIOS update from USB device Online update tools for main Linux versions Local and remote update via ServerView Update Manager IPv4/IPv6 remote PXE & iSCSI boot support Cryptographically Signed BIOS Firmware Update HTTP and HTTPS Boot PCIe Bifurcation configurable
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Operating Systems and Virtualization Software

Certified or supported operating systems and virtualization software	Windows Server® 2019 Datacenter Windows Server 2019 Standard Windows Server 2019 Essentials Windows Server Datacenter, version 1809 Windows Server Standard, version 1809 Hyper-V® Server 2016 Windows Server 2016 Datacenter Windows Server 2016 Standard Windows Server 2016 Essentials Windows Storage Server 2016 Standard Windows Server Datacenter, version 1709 VMware® vSphere™ 6.5 VMware vSphere™ 6.7 SUSE® Linux® Enterprise Server 12 Red Hat® Enterprise Linux 7 Univention Corporate Server 4
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Operating system release link	http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473
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Operating system notes	Support of other Linux derivatives on demand
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Server Management and Infrastructure Management

Standard	<ul style="list-style-type: none"> Infrastructure Manager (ISM) Essential <ul style="list-style-type: none"> Node Management Health status Monitoring and Control Capacity/Threshold Management Power Management Converged Management Auto Discovery Remote Management Update Management Logging and Auditing ServerView Suite (Deploy) <ul style="list-style-type: none"> ServerView Installation Manager ServerView Scripting Toolkit ServerView Suite (Control) <ul style="list-style-type: none"> ServerView Operations Manager (incl. PDA and ASR & R) ServerView Agents and CIM provider ServerView Agentless Management ServerView System Monitor SVOM- Event Manager ServerView RAID Manager SVOM- Threshold Manager Power Monitor (monitoring the Power Consumption) Power Management (iRMC) Storage Management (server) with SVOM/SV-RAID ServerView Suite (Maintain) <ul style="list-style-type: none"> iRMC S5 (Remote Management) System Update Manager (BIOS, Firmware, Windows® Drives and SV Agents) Performance management (SVOM) Asset Management Primecollect Customer Self Service Online Diagnostics ServerView Suite (Integrate) <ul style="list-style-type: none"> ServerView Integration packs for MS System Center, VMware vCenter®, VMware vRealize®, Nagios®, and HP® SIM
Option	<ul style="list-style-type: none"> ServerView Suite (Maintain) <ul style="list-style-type: none"> ServerView eLCM iRMC Advanced Pack incl. Advanced Video Redirection (AVR), video capturing and Virtual Media ServerView Suite (Dynamize) <ul style="list-style-type: none"> ServerView Virtual IO Manager (SVIOM) Infrastructure Manager (ISM) <ul style="list-style-type: none"> Automate device configuration Mass OS installation Node Management Health status Monitoring and Control Capacity/Threshold Management Power Management Converged Management Auto Discovery Virtual-IO Management Network topology Management Remote Management Update Management Logging and Auditing Integrate in to <ul style="list-style-type: none"> Enterprise Management Vendor specific Management Monitor 3rd party platforms

Server Management notes Regarding dependencies for ServerView Suite software products see dedicated product data sheets.

Dimensions / Weight

Rack (W x D x H)	18.99 ins. (Bezel) / 17.52 ins. (Body) x 30.31 x 3.41 ins.
Mounting Depth Rack	29.13 ins.
Height Unit Rack	2 U

Dimensions / Weight

19" rackmount	Yes
Mounting Cable depth rack	7.87 ins. (39.37 ins. Rack recommended)
Weight	up to 55.12 lbs.
Weight notes	Actual weight may vary depending on configuration
Rack integration kit	Rack integration kit as option

Environment

Operating ambient temperature	41 - 113 °F
Operating temperature note	Cool-safe Advanced Thermal Design (above 95°F or below 50°F) depending on configuration. For detailed information see relevant system configurator. Ambient temperature limitation may differ for liquid cooled models. Please refer to the SystemArchitect for detailed information.
Operating relative humidity	10 - 85 % (non condensing)
Operating environment	FTS 04230 – Guideline for Data Center (installation specification)
Operating environment link	http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe
Noise emission	Measured according to ISO 7779 and declared according to ISO 9296
Sound pressure (LpAm)	Typical noise : 43 dB(A) (idle) / 43 dB(A) (operating)
Sound power (LWAd; 1B = 10dB)	Typical noise : 6.1 B (idle) / 6.0 B (operating)
Noise notes	Noise emissions depends on operation modes, system configuration and ambient temperature. Typical hardware configuration which is the base for measurement according to ISO 7779: 2x PSU 450W. 2x CPU Xeon 85W, 4x RAM 16GB, 2x HDD 500GB SATA, 6x LAN 1 Gbit/s

Electrical values

Power supply configuration	1 x hot-plug power supply or 2x hot-plug power supply for redundancy
Hot-plug power supply redundancy	Optional
Active power (max. configuration)	715 W
Apparent power (max. configuration)	753 VA
Heat emission (max. configuration)	2574.0 kJ/h (2439.7 BTU/h)
Rated current max.	7.68 A (100 V) / 2.98 A (240 V)
Active power note	To estimate the power consumption of different configurations use the Power Calculator of the System Architect: http://configurator.ts.fujitsu.com/public/
Power supply	450W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 800W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 800W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 1200W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz; 110V range: 1000W, less than 110V: 900W 800W hot-plug, 92% (equivalent to Gold efficiency) –48V DC 1300W hot plug, 94% (equivalent to Platinum efficiency) 380V DC
Power supply notes	Power Safeguard adapts system performance in case the power requirements exceeds supply limits. !96% Titanium Power supply unit is only released for 200-240V

Compliance

Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronic equipment)
Germany	GS
Europe	CE
USA/Canada	CSAc/us FCC Class A ICES-003 / NMB-003 Class A
Japan	VCCI:V3 Class A + JIS 61000-3-2
Russia	EAC
South Korea	KC
China	CCC
Australia/New Zealand	RCM
Taiwan	BSMI
India	BIS R41004006

Compliance

Compliance link	https://sp.ts.fujitsu.com/sites/certificates
Compliance notes	<p>There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request.</p> <p>* Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.</p>

Components

Backup Drives	LTO6HH Ultrium, 2,500 GB, 160 MB/s, half height, SAS 6Gb/s
	LTO7HH Ultrium, 2,500 GB, 300 MB/s, half height, SAS 6Gb/s
	RDX Drive, 320 GB, 500 GB, 1 TB, 25 MB/s, half height, USB 3.0
Optical drives	Blu-ray Disc™ Triple Writer, (6x BD-RW, 8x DVD, 24x CD), ultraslim, SATA I
	DVD Super Multi ultraslim, (8x DVD; 24x CD), ultraslim, SATA I
Hard disk drives	HDD SATA, 6 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 4 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical	

Hard disk drives

HDD SAS, 12 Gb/s, 900 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 900 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 4 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 2 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical

Solid-State-Drive

SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.5 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.5 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD M.2 SATA, 6 Gb/s, 480 GB, non hot plug, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years)
SSD M.2 SATA, 6 Gb/s, 240 GB, non hot plug, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years)
SSD M.2 SATA, 6 Gb/s, 240 GB, non hot plug, enterprise

Solid-State-Drive

SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 400 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 400 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 2.3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 2.3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)

PCIe SSD & SATA DOM SSD

PCIe-SSD SFF, 750 GB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 30 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.2 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 4 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 0.6 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.1 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 2 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 0.6 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 1 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD AIC, 750 GB, Write-Intensive, HHHL, Flash drive, 30 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD AIC, 375 GB, Write-Intensive, HHHL, Flash drive, 30 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD AIC, 4 TB, Mixed-use, HHHL, Flash drive, 3.1 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD AIC, 2 TB, Mixed-use, HHHL, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
Dual microSD 64GB Enterprise

SCSI / SAS Controller

LSI PSAS CP400e LP SAS Ctrl. 12 Gbit/s 8 ports ext. PCIe 3.0 x8
Fujitsu PSAS CP400i SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8

RAID Controller	Fujitsu PRAID EP580i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 Gbit/s 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP540i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 Gbit/s 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP540e LP, RAID 5/6 Ctrl., SAS 12 Gbit/s, 8 ports ext. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP540e FH, RAID 5/6 Ctrl., SAS 12 Gbit/s, 8 ports ext. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP520i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP420i, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108
	Fujitsu PRAID EP420i for SafeStore, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108
	Fujitsu PRAID EP400i, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 1 GB, Optional FBU based on LSI SAS3108
	Fujitsu PRAID CP400i, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 1E, 10, 5, 50, No FBU support
Fibre Channel controller	Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Cavium® QLE2740 MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Cavium QLE2742 MMF LC-style
	Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Emulex® LPe32000-M6-F MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPe32002-M6-F MMF LC-style
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Qlogic® QLE2690 LC-style
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2692 LC-style
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Emulex LPe31000-M6-F MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe31002-M6-F MMF LC-style
Communication, Network	Converged Network Adapter 2 x 10 Gbit/s / 25 Gbit/s PCIe 3.0 x8 SFP28 (Cavium)
	Ethernet Ctrl. 1 x 100 Gbit/s PCIe 3.0 x16 QSFP28 (Cavium)
	Ethernet Ctrl. 1 x 100 Gbit/s PCIe 3.0 x16 QSFP28 (Mellanox®)
	Ethernet Ctrl. 2 x 10 Gbit/s ; 1 Gbit/s PCIe 3.0 x8 RJ45 (Intel®)
	Ethernet Ctrl. 2 x 10 Gbit/s / 25 Gbit/s PCIe 3.0 x8 SFP28 (Cavium)
	Ethernet Ctrl. 2 x 10 Gbit/s / 25 Gbit/s PCIe 3.0 x8 SFP28 (Intel®)
	Ethernet Ctrl. 2 x 10 Gbit/s / 25 Gbit/s PCIe 3.0 x8 SFP28 (Mellanox)
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Intel®)
	Ethernet Ctrl. 2 x 1 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)
	Ethernet Ctrl. 2 x 40 Gbit/s PCIe 3.0 x16 QSFP (Mellanox)
	Ethernet Ctrl. 4 x 10 Gbit/s ; 1 Gbit/s PCIe 3.0 x8 RJ45 (Intel®)
	Ethernet Ctrl. 4 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Intel®)
	Ethernet Ctrl. 4 x 1 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)
	Interface modul for Dynamic LoM 2 x 10 Gbit/s RJ45 (Intel®)
	Interface modul for Dynamic LoM 2 x 10 Gbit/s SFP+ (Intel®)
	Interface modul for Dynamic LoM 4 x 10 Gbit/s SFP+ (Intel®)
	Interface modul for Dynamic LoM 4 x 1 Gbit/s RJ45 (Intel®)
	MPO x 40 Gbit/s ()
	Omni Path 1 x PCIe 3.0 x16 (Intel®)
Graphics	NVIDIA® Quadro® P400 , 2 GB, PCIe x16, 3 x miniDP
Rack infrastructure	Rackmount kit full extraction (32.28 ins.), tool less mounting, length variable 22.01 - 35.98 ins.
	Rack Mount Kit
	Cable Management for 19-inch DataCenter / PRIMECENTER® Racks
	Cable Arm 2U for PRIMECENTER- and 3rd-party racks

Warranty

Warranty period	3 years
Warranty type	Onsite warranty
Warranty Terms & Conditions	https://www.fujitsu.com/us/support
Product Support Services - the perfect extension	
Support Pack Options	Globally available in major business areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time (depending on country) 24x7, 4h Onsite Response Time (depending on country)
Recommended Service	24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.
Service Lifecycle	5 years after end of product life
Service Weblink	https://www.fujitsu.com/us/products/product-support-services/

More information

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Software

<https://www.fujitsu.com/us/products/software/>

More information

Learn more about FUJITSU Server PRIMERGY RX2540 M5, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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