

Data Sheet

Fujitsu PRIMERGY RX2540 M5 Rack Server

The data center standard without compromise

Fujitsu offers a fantastic blend of systems, solutions and expertise to guarantee maximum productivity, efficiency and flexibility, delivering confidence and reliability. Fujitsu PRIMERGY servers deliver workload-optimized x86 industry standard systems for any workload and business demand. Since there is no single server solution to meet all these needs, Fujitsu offers a broad server portfolio consisting of expandable tower servers, versatile rack-mount servers, density-optimized multi-node servers as well as GPU servers purpose-built for the demands of AI and VDI. While all these systems are designed to handle multiple workloads, each server is optimized for specific use cases. 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 server, your IT can become the business enabler you have always wanted it to be.

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. The system can also be equipped with the new 2nd generation processors of the Intel® Xeon® Scalable Family (CLX-R) delivering industry-leading frequencies. 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 45 °C/104 °F. Having both these features helps to reduce operational expenses.



Features & Benefits

| Main Features | Benefits |
|--|---|
| <p>INNOVATION MEETS PERFORMANCE</p> <ul style="list-style-type: none"> Wide choice of different types of Intel® Xeon® Scalable processors as well as new 2nd generation Intel® Xeon® Scalable processors. 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. <p>ENHANCED FEATURES FOR ENHANCED COMPUTING</p> <ul style="list-style-type: none"> 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's Cool-safe® Advanced Thermal Design for higher ambient temperatures in the data center are available for this server. <p>INFRASTRUCTURE MANAGEMENT</p> <ul style="list-style-type: none"> ISM is available with two licensing options: (1) ISM Advanced is the fully featured licensed version of ISM that provides comprehensive infrastructure management capabilities across datacenter. (2) ISM Essential provides a quick start to infrastructure management with essential monitoring and update functions. <p>REVOLUTIONIZING MEMORY AND STORAGE</p> <ul style="list-style-type: none"> Intel® Optane™ persistent memory modules are DDR4 socket compatible and can co-exist with conventional DDR4 DRAM DIMMs on the same platform. They are available in capacities of 128 GB, 256 GB and 512 GB. <p>PROTECT YOUR COMPANY WITH SECURE SERVERS</p> <ul style="list-style-type: none"> PRIMERGY servers are equipped with beneficial features to protect against, detect and recover from security breaches (UEFI Secure Boot, TPM 2.0, signed firmware updates, agent-free device management, secure authorization and authentication, alerting and logging, secure Out of Band Management with iRMC S5, ...). | <ul style="list-style-type: none"> Ready for data growth scenarios with the performance of the 2nd generation Intel® Xeon® Scalable processors deliver additional customer value and industry leading frequency (up to 3.9 GHz base and up to 44% more processor cache) for the most demanding workloads. The right Ethernet connection for all: Basic via onboard LAN, extended with DynamicLoM via OCP guarantees 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. Converged data center management that provides organizations centralized control over the entire infrastructure that includes servers, storage, networking, cloud management software as well as power and cooling using a single user interface. Optimize, store, and move larger, more complicated data sets with Intel® Optane™ technology. This revolutionary innovation bridges critical gaps in the storage and memory hierarchy delivering persistent memory, large memory pools, fast caching and fast storage. PRIMERGY servers come with a wide variety of such robust security features and combine these capabilities with the best quality and efficiency, and more agility in daily operations helps to turn IT into a business advantage faster. |

Technical details

PRIMERGY RX2540 M5

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| Base unit | PRIMERGY RX2540 M5 LFF | PRIMERGY RX2540 M5 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

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| Mainboard type | D3384-B |
| Chipset | Intel® C624 |
| Processor quantity and type | 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 |

Intel® Xeon® Bronze Processor

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| Intel® Xeon® Bronze 3204 (6C, 1.90 GHz, TLC: 8.25 MB, Turbo: 1.90 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 85 W, AVX Base 1.50 GHz, AVX Turbo 1.50 GHz) |
| Intel® Xeon® Bronze 3206R (8C, 1.90 GHz, TLC: 11 MB, Turbo: 1.90 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 85 W, AVX Base 1.80 GHz, AVX Turbo 1.80 GHz) |

Intel® Xeon® Silver Processor

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| Intel® Xeon® Silver 4208 (8C, 2.10 GHz, TLC: 11 MB, Turbo: 2.50 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 1.60 GHz, AVX Turbo 2.00 GHz) |
| Intel® Xeon® Silver 4210 (10C, 2.20 GHz, TLC: 13.75 MB, Turbo: 2.70 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 1.90 GHz, AVX Turbo 2.30 GHz) |
| 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 4214R (12C, 2.40 GHz, TLC: 16.5 MB, Turbo: 3.00 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 100 W, AVX Base 2.10 GHz, AVX Turbo 2.70 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) |

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| Intel® Xeon® Gold Processor | Intel® Xeon® Gold processor 5215 (10C, 2.50 GHz, up to 3.0 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 5215L (10C, 2.50 GHz, up to 3.0 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 5217 (8C, 3.00 GHz, up to 3.4 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 5218B (16C, 2.30 GHz, up to 2.8 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 5218R (20C, 2.10 GHz, up to 2.9 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 5220 (18C, 2.20 GHz, up to 2.7 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 5222 (4C, 3.80 GHz, up to 3.9 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6209U (20C, 2.10 GHz, up to 2.8 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6210U (20C, 2.50 GHz, up to 3.2 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6212U (24C, 2.40 GHz, up to 3.1 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6222V (20C, 1.80 GHz, up to 2.4 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6226 (12C, 2.70 GHz, up to 3.5 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6226R (16C, 2.90 GHz, up to 3.6 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6230 (20C, 2.10 GHz, up to 2.8 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6230R (26C, 2.10 GHz, up to 3.0 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6230T (20C, 2.10 GHz, up to 2.8 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6234 (8C, 3.30 GHz, up to 4.0 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6238 (22C, 2.10 GHz, up to 2.8 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6238L (22C, 2.10 GHz, up to 3.7 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6238R (28C, 2.20 GHz, up to 3.0 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6238T (22C/44T, 1.90 GHz, up to 2.7 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6240R (24C, 2.40 GHz, up to 3.2 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6242 (16C, 2.80 GHz, up to 3.5 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6242R (20C, 3.10 GHz, up to 3.8 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6246 (12C, 3.30 GHz, up to 4.1 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6248R (24C, 3.00 GHz, up to 3.6 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6250 (8C, 3.90 GHz, up to 4.5 GHz, 10.4 GT/s) | |
| | Intel® Xeon® Gold processor 6252 (24C, 2.10 GHz, up to 2.8 GHz, 10.4 GT/s) | |
| | 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 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 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) |
| | 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. | |

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| 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 |
| | 96 GB (6 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4 |
| | 64 GB (4 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4 |
| | 128 GB (8 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4 |
| | 192 GB (6 module(s) 32 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4 |
| | 128 GB (4 module(s) 32 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4 |
| | 256 GB (8 module(s) 32 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4 |
| | 768 GB (6 module(s) 128 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4 |
| | 384 GB (6 module(s) 64 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4 |
| | 256 GB (4 module(s) 64 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4 |
| | 512 GB (8 module(s) 64 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4 |
| | 128 GB (1 module(s) 128 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4 |
| | 256 GB (2 module(s) 128 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4 |
| | 512 GB (4 module(s) 128 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4 |
| 768 GB (6 module(s) 128 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4 | |
| Interfaces | |
| USB 3.x 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 |
| 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. |
| 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 |

Drive bays

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| 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)

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| 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

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

Operating panel

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| Operating buttons | On/off switch Reset button NMI button ID button |
| 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) |

BIOS

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| 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

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| Certified or supported operating systems and virtualization software | Windows Server 2022 Datacenter Windows Server 2022 Standard 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™ 8.0 VMware vSphere™ 7.0 VMware vSphere™ 6.7 VMware vSphere™ 6.5 SUSE® Linux Enterprise Server 15 SUSE® Linux Enterprise Server 12 Red Hat® Enterprise Linux 8 Red Hat® Enterprise Linux 7 Oracle® Linux 7 Oracle® VM 3 Univention Corporate Server 4 |
| Operating system release link | http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfb3230473 |
| Operating system notes | Support of other Linux derivatives on demand Use of certified or supported operating systems and virtualization software is subject to proactive acceptance of the respective License Agreements/ EULAs/ Subscription and support terms of the Software manufacturer as applicable for the relevant Software whether preinstalled or optional. The software may only be available bundled with a software support subscription which – depending on the Software - may be subject to separate remuneration. |

Infrastructure and Server Management

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| DC Infrastructure Management | Infrastructure Manager (ISM) Essential Edition Advanced Edition |
| Server Management | Infrastructure Manager (ISM) Essential Edition Advanced Edition ServerView Suite |
| Management notes | For further information regarding ISM and ServerView Suite see dedicated data sheets. |
| Manageability link | http://docs.ts.fujitsu.com/dl.aspx?id=9e92297a-16fb-4c69-8559-e38e7b42fee6 |

Dimensions / Weight

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|---------------------------|---|
| Rack (W x D x H) | 482.4 mm (Bezel) / 445 mm (Body) x 770 x 86.6 mm |
| Mounting Depth Rack | 740 mm |
| Height Unit Rack | 2 U |
| 19" rackmount | Yes |
| Mounting Cable depth rack | 200 mm (1,000 mm Rack recommended) |
| Weight | up to 25 kg |
| Weight notes | Actual weight may vary depending on configuration |
| Rack integration kit | Rack integration kit as option |

Environment

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| Operating ambient temperature | 5 - 45 °C (41 - 113 °F) |
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Environment

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| Operating temperature note | Cool-safe® Advanced Thermal Design (above 35 °C or below 10 °C) depending on configuration. Please use the Fujitsu WebArchitect (www.fujitsu.com/configurator/public) to get detailed information on the corresponding configurations. 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

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| 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 Fujitsu Product Configurator: www.fujitsu.com/configurator/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

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| Product | PRIMERGY RX2540 M5 |
| Model | PR300D |
| 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 link | https://sp.ts.fujitsu.com/sites/certificates |
| Compliance notes | 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. * 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. |

Components

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| Backup Drives | LTO7HH Ultrium, 2,500 GB, 300 MB/s, half height, SAS 6Gb/s |
| | LTO7HH Ultrium, 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 ultra slim , (8x DVD; 24x CD), ultraslim, SATA I |
| Hard disk drives | HDD SATA, 6 Gb/s, 16 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, 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, 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, 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, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED |
| | HDD SAS, 12 Gb/s, 16 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, 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, 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 |
| | 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 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

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| 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, 1.0 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, 0.9 DWPD (Drive Writes Per Day for 5 years) |
| SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) |
| SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 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, 1.0 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, 0.9 DWPD (Drive Writes Per Day for 5 years) |
| SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) |
| SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 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, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) |
| SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years) |
| SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 1.4 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, 1.0 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, 1.0 DWPD (Drive Writes Per Day for 5 years) |
| SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) |
| SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 1.0 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, 1.0 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, 0.9 DWPD (Drive Writes Per Day for 5 years) |
| SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 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 SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) |
| SSD M.2 SATA, 6 Gb/s, 480 GB, non hot plug, enterprise, 1.5 DWPD (Drive Writes Per Day for 5 years) |
| SSD M.2 SATA, 6 Gb/s, 240 GB, non hot plug, enterprise, 1.5 DWPD (Drive Writes Per Day for 5 years) |

Solid-State-Drive

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| 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, 2.5-inch, enterprise, 3 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, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years) |
| SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years) |
| SSD SAS, 12 Gb/s, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 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, 2.5-inch, enterprise, 3 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, 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, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years) |

PCIe SSD & SATA DOM SSD

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| PCIe-SSD SFF, 960 GB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years) |
| 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, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years) |
| PCIe-SSD SFF, 12.8 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years) |
| PCIe-SSD SFF, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 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, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 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, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 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, 3.0 DWPD (Drive Writes Per Day for 5 years) |

SCSI / SAS Controller

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|---|
| Fujitsu PSAS CP400i SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8 |
| Broadcom® PSAS CP503i LP SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8 |

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|---------------------------------|---|
| RAID Controller | <p>pre-configured RAID6 Array,</p> <p>pre-configured RAID6+HS Array,</p> <p>pre-configured RAID5 Array,</p> <p>pre-configured RAID5+HS Array,</p> <p>pre-configured RAID1 Array,</p> <p>pre-configured RAID1 Array for M.2 in PDUAL,</p> <p>pre-configured RAID1+HS Array,</p> <p>pre-configured RAID1+0 Array,</p> <p>pre-configured RAID1+0+HS Array,</p> <p>pre-configured RAID0 Array,</p> <p>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</p> <p>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</p> <p>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</p> <p>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</p> <p>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</p> <p>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</p> <p>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</p> <p>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</p> <p>Fujitsu PRAID CP400i, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 1E, 10, 5, 50, No FBU support</p> <p>Broadcom® PSAS CP500e LP, SAS Ctrl., SAS/SATA 12 Gbit/s, 8 ports ext.</p> <p>Broadcom® PRAID CP500i LP, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, No FBU support</p> |
| Fibre Channel controller | <p>Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Cavium QLE2740 MMF LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Cavium QLE2742 MMF LC-style</p> <p>Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Emulex LPe32000-M6-F MMF LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPe32002-M6-F MMF LC-style</p> <p>Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Qlogic QLE2690 LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2692 LC-style</p> <p>Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Emulex LPe31000-M6-F MMF LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe31002-M6-F MMF LC-style</p> <p>InfiniBand HCA 1 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed (Mellanox)</p> <p>InfiniBand HCA 2 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed (Mellanox)</p> |
| Communication, Network | Omni Path 1 x PCIe 3.0 x16 (Intel®) |
| GPU computing card | NVIDIA® Tesla® T4 LP, 2560 cores, -, -, 16GB GDDR6, N/A, PCIe 3.0 x16, - |
| Graphics add on cards | NVIDIA® Quadro® P400 , 2 GB, N/A, PCIe x16, 3 x miniDP |
| Rack infrastructure | <p>Rackmount kit full extraction (820mm), tool less mounting, length variable 559-914mm</p> <p>Cable Arm 2U for PRIMECENTER- and 3rd-party racks</p> <p>Cable Management for 19-inch DataCenter / PRIMECENTER Racks</p> |
| Warranty | |
| Warranty period | 3 years |
| Warranty type | Onsite warranty |
| Warranty Terms & Conditions | www.fujitsu.com/support |

Warranty

Product Support - the perfect extension

| | |
|----------------------|---|
| Support Pack Options | Globally available in major metropolitan 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 | at least 5 years after shipment, for details see https://support.ts.fujitsu.com/ |
| Service Weblink | http://www.fujitsu.com/emeia/products/product-support-services/ |

More information

Fujitsu products, solutions & services

In addition to Fujitsu PRIMERGY RX2540 M5, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

www.fujitsu.com/global/products/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu PRIMERGY RX2540 M5, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/primergy

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.

Please find further information at <http://www.fujitsu.com/global/about/environment>



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