Data Sheet
PRIMERGY RX2540 M7 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. 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 M7

The PRIMERGY RX2540 M7 generation x86 server based on dual-sockets delivers the latest in performance, improved usability, and flexible expandability in an optimized compact 2U chassis. The PRIMERGY RX2540 M7 forms the valuable standard in every modern data center, using the latest technology developments to run nearly every workload from the most basic to business-critical applications depending on the chosen configuration. Equipped with the latest 4th or 5th generation of Intel® Xeon® Scalable Processors with up to 60 / 64 cores and 4x UPI 2.0 links, there are resulting performance improvements of more than 40% compared to the previous generation processors. Along with enhanced DDR5 memory technology supporting up to 4,800 MT/s or 5,600 MT/s, the server features a flexible, large amount of memory capacity. Configurable in 32 DIMM slots are in total 8TB memory with latest DDR5 modules supported. The support of Compute Express Link (CXL) with 4x 16 devices is included.

The modular design of the server offers excellent expandability with up to 12x 3.5" SAS/SATA, up to 24x 2.5" SAS/SATA/NVMe storage drives. In addition, 6 further 2.5" storage devices SAS/SATA/NVMe are available as an option on the rear of the chassis. Additional expansion options are provided by up to 8x PCIe 5.0 slots and SAS 24G for upcoming devices. Moreover, the server can be equipped with two double-width or up to six single-width NVIDIA GPU cards. Thus, the server also provides optimized performance for AI and HPC workloads. An onboard OCP v3 LAN connection complete the overall picture. The server system also includes the latest security technologies to help secure sensitive workloads and enable new opportunities to unleash the power of data. PRIMERGY RX2540 M7 always provides Platform Firmware Resilience (PFR) to help protect against platform firmware attacks and is designed to detect and correct them before they can compromise or disable the machine. Even as your workloads and administration tasks become more complex, the Infrastructure Manager (ISM) as well as the integrated next generation Remote Management Controller (iRMC S6) simplifies management of your server and the IT infrastructure so you can focus on your business objectives. Where the right performance, expandability, and efficiency are essential, the PRIMERGY RX2540 M7 is the ideal server for business-critical workloads such as collaboration, business processing, AI, machine learning, graphics rendering, or in-memory databases.

Features & Benefits

Main Features	Benefits
Unmatched Scalability and Performance	
■ Wide choice of different available types of 4th or 5th generation Intel® Xeon® Scalable processors. Each processor offers up to 60 / 64 cores (depending on SKU), 16 memory channels, up to 4 Intel® Ultra Path Interconnect (UPI 2.0 at 16 GT/s) and PCI-Express 5.0 with up to 80 lanes (per socket) enabling a significantly higher performance and efficiency.	■ 2U, 2-socket platform that provides scalability and performance to adapt to a variety of applications. Drive demanding workloads by latest 4th or 5th generation Intel® Xeon® Scalable Processors with up to 60 / 64 cores per CPU.
Accelerate IT Transformation	
■ New DDR5 DIMM modul (@ 4,800 MT/s or 5,600 MT/s) technology supported with 4th or 5th Gen Intel® Xeon® Scalable processors and create a high performing, large-capacity of 8TB in 32 memory slots that helps turn more data into actionable insights with the RX2540 M7.	■ Transform your data center for modern operations and drive demanding workloads with 32 DIMM modules (up to 8TB). DDR5 DIMM memory provides fast, high capacity for memory intensive workloads.
Extensive Expandability	
■ Expand with up to 8 PCIe 5.0 slots and OCP v3 small form factor solution. The server can be equipped with up to six NVIDIA GPU cards (depending on card). Moreover, different available base units with 10/12x 3.5-inch or up to 16/24x 2.5-inch support provide massive expandability. Our server systems are built to scale easily to be able to adapt to a variety of applications and meet upcoming demands.	■ Maximize storage performance with up to 12x 3.5" or up to 24x 2.5" storage devices and ensure application performance scales to meet demands. Up to 8 PCIe 5.0 slots and OCP v3 adapters also ensure enough growth opportunities.
Agile Infrastructure Management	
■ Infrastructure Manager (ISM) provides seamless, holistic management ensuring that IT infrastructures retain the dynamic flexibility required to support ever-changing business demands. Two versions of ISM are available. ISM Advanced is a powerful, fully featured version offering comprehensive infrastructure management capabilities such as support for multiple hardware configurations, physical and virtual network connection indicators and firmware baseline updates. A free entry-level version, ISM Essential, provides essential monitoring and firmware update of all supported devices, including servers, storage and network switches.	■ As you scale your infrastructure, scale your profitability with embedded intelligence from iRMC S6 as well as Infrastructure Manager (ISM) which enables organizations to have centralized control over the infrastructure using a single user interface.
Comprehensive Protection	
■ 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 S6, …). High availability features help facilitate continuous operations.	■ Benefit from advanced security technologies such as Platform Firmware Resilience (PFR) to protect the most sensitive portions of a workload, encryption support to enhance data and VM protection as well as physical protection to avoid unauthorized access.

Technical details

PRIMERGY RX2540 M7						
Base unit	PRIMERGY RX2540 M7 LFF	PRIMERGY RX2540 M7 LFF	PRIMERGY RX2540 M7 SFF	PRIMERGY RX2540 M7 SFF	PRIMERGY RX2540 M7 SFF	PRIMERGY RX2540 M7 LFF
Housing types	Rack	Rack	Rack	Rack	Rack	Rack
Storage drive architecture	10x 3.5-inch SAS/ SATA	12x 3.5-inch SAS/ SATA	16x 2.5-inch SAS/ SATA	8x 2.5-inch SAS/ SATA/PCIe	24x 2.5-inch SAS/ SATA	6x 3.5-inch SAS/ SATA
Power supply	Hot-plug	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	Dual Socket Rack Server
Mainboard						
Mainboard type	D3983					
Chipset	Intel® C741					
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	Intel® Xeon® Bronze 3408U (8C, 1.8 GHz, TLC: 22.5 MB, Turbo: 1.90 GHz, 16 GT/s, 4,000MHz, 125 W)					
	Intel® Xeon® Bronze 3508U (8C, 2.1 GHz, TLC: 22.5 MB, Turbo: 2.20 GHz, 4,400MHz, 125 W)					
Intel® Xeon® Max Processor	Intel ® Xeon ® Max Processor 9460 (40C, 2.20 GHz, TLC: 60 MB, Turbo: 3.50 GHz, 16 GT/s, 4,800MHz, 350 W)					
	Intel ® Xeon ® Max Processor 9462 (32 C, 2.7 GHz, TLC: 60 MB, Turbo: 3.50 GHz, 16 GT/s, 4,800MHz, 350 W)					
	Intel ® Xeon ® Max Processor 9468 (48C, 2.10 GHz, TLC: 60 MB, Turbo: 3.50 GHz, 16 GT/s, 4,800MHz, 350 W)					
Intel® Xeon® Silver Processor	Intel® Xeon® Silver 4410T (10C, 2.7 GHz, TLC: 26.25 MB, Turbo: 3.40 GHz, 16 GT/s, 4,000MHz, 150 W)					
	Intel® Xeon® Silver 4410Y (12C, 2.0 GHz, TLC: 30 MB, Turbo: 2.90 GHz, 16 GT/s, 4,000MHz, 150 W)					
	Intel® Xeon® Silver 4416+ (20C, 2.0 GHz, TLC: 37.5 MB, Turbo: 2.90 GHz, 16 GT/s, 4,000MHz, 165 W)					
	Intel® Xeon® Silver 4509Y (8C, 2.6 GHz, TLC: 22.5 MB, Turbo: 3.60 GHz, 16 GT/s, 4,400MHz, 125 W)					
	Intel® Xeon® Silver 4510 (12C, 2.4 GHz, TLC: 30 MB, Turbo: 3.30 GHz, 16 GT/s, 4,400MHz, 150 W)					
	Intel® Xeon® Silver 4510T (12C/24T, 2.0 GHz, TLC: 30 MB, Turbo: 2.80 GHz, 16 GT/s, 4,400MHz, 115 W)					
	Intel® Xeon® Silver 4514Y (16C, 2.0 GHz, TLC: 30 MB, Turbo: 2.60 GHz, 16 GT/s, 4,400MHz, 150 W)					
	Intel® Xeon® Silver 4516Y+ (24C, 2.2 GHz, TLC: 45 MB, Turbo: 2.90 GHz, 16 GT/s, 4,400MHz, 185 W)					

Intel® Xeon® Gold Processor	Intel® Xeon® Gold 5412U (24C, 2.1 GHz, TLC: 45 MB, Turbo: 2.90 GHz, 16 GT/s, 4,400MHz, 185 W)
	Intel® Xeon® Gold 5415+ (8C, 2.9 GHz, TLC: 22.5 MB, Turbo: 3.60 GHz, 16 GT/s, 4,400MHz, 150 W)
	Intel® Xeon® Gold 5416S (16C, 2.0 GHz, TLC: 30 MB, Turbo: 2.80 GHz, 16 GT/s, 4,400MHz, 150 W)
	Intel® Xeon® Gold 5418N (24C, 1.8 GHz, TLC: 45 MB, Turbo: 2.60 GHz, 16 GT/s, 4,000MHz, 165 W)
	Intel® Xeon® Gold 5418Y (24C, 2.0 GHz, TLC: 45 MB, Turbo: 2.80 GHz, 16 GT/s, 4,400MHz, 185 W)
	Intel® Xeon® Gold 5420+ (28C, 2.0 GHz, TLC: 52.5 MB, Turbo: 2.70 GHz, 16 GT/s, 4,400MHz, 205 W)
	Intel® Xeon® Gold 5512U (28C, 2.1 GHz, TLC: 52.5 MB, Turbo: 3.00 GHz, 4,800MHz, 185 W)
	Intel® Xeon® Gold 5515+ (8C, 3.2 GHz, TLC: 22.5 MB, Turbo: 3.60 GHz, 20 GT/s, 4,800MHz, 165 W)
	Intel® Xeon® Gold 5520+ (28C, 2.2 GHz, TLC: 52.5 MB, Turbo: 3.00 GHz, 20 GT/s, 4,800MHz, 205 W)
	Intel® Xeon® Gold 6414U (32 C, 2.0 GHz, TLC: 60 MB, Turbo: 2.60 GHz, 16 GT/s, 4,800MHz, 250 W)
	Intel® Xeon® Gold 6426Y (16C, 2.5 GHz, TLC: 37.5 MB, Turbo: 3.30 GHz, 16 GT/s, 4,800MHz, 185 W)
	Intel® Xeon® Gold 6428N (32 C, 1.8 GHz, TLC: 60 MB, Turbo: 2.50 GHz, 16 GT/s, 4,000MHz, 185 W)
	Intel® Xeon® Gold 6430 (32 C, 2.1 GHz, TLC: 60 MB, Turbo: 3.00 GHz, 16 GT/s, 4,400MHz, 270 W)
	Intel® Xeon® Gold 6434 (8C, 3.7 GHz, TLC: 22.5 MB, Turbo: 4.10 GHz, 16 GT/s, 4,800MHz, 195 W)
	Intel® Xeon® Gold 6438M (32 C, 2.2 GHz, TLC: 60 MB, Turbo: 2.80 GHz, 16 GT/s, 4,800MHz, 205 W)
	Intel® Xeon® Gold 6438N (32 C, 2.0 GHz, TLC: 60 MB, Turbo: 2.70 GHz, 16 GT/s, 4,800MHz, 205 W)
	Intel® Xeon® Gold 6438Y+ (32 C, 2.0 GHz, TLC: 60 MB, Turbo: 2.80 GHz, 16 GT/s, 4,800MHz, 205 W)
	Intel® Xeon® Gold 6442Y (24C, 2.6 GHz, TLC: 60 MB, Turbo: 3.30 GHz, 16 GT/s, 4,800MHz, 225 W)
	Intel® Xeon® Gold 6444Y (16C, 3.6 GHz, TLC: 45 MB, Turbo: 4.00 GHz, 16 GT/s, 4,800MHz, 270 W)
	Intel® Xeon® Gold 6448Y (32 C, 2.1 GHz, TLC: 60 MB, Turbo: 3.00 GHz, 16 GT/s, 4,800MHz, 225 W)
	Intel® Xeon® Gold 6454S (32 C, 2.2 GHz, TLC: 60 MB, Turbo: 2.80 GHz, 16 GT/s, 4,800MHz, 270 W)
	Intel® Xeon® Gold 6526Y (16C, 2.8 GHz, TLC: 37.5 MB, Turbo: 3.50 GHz, 20 GT/s, 5,200 MHz, 195 W)
	Intel® Xeon® Gold 6530 (32 C, 2.1 GHz, TLC: 160 MB, Turbo: 2.70 GHz, 20 GT/s, 4,800MHz, 270 W)
	Intel® Xeon® Gold 6534 (8C, 3.9 GHz, TLC: 22.5 MB, Turbo: 4.20 GHz, 20 GT/s, 4,800MHz, 195 W)
	Intel® Xeon® Gold 6538N (32 C, 2.1 GHz, TLC: 60 MB, Turbo: 2.90 GHz, 20 GT/s, 5,200 MHz, 205 W)
	Intel® Xeon® Gold 6538Y+ (32 C, 2.2 GHz, TLC: 60 MB, Turbo: 3.30 GHz, 20 GT/s, 5,200 MHz, 225 W)
	Intel® Xeon® Gold 6542Y (24C, 2.9 GHz, TLC: 60 MB, Turbo: 3.30 GHz, 20 GT/s, 5,200 MHz, 250 W)
	Intel® Xeon® Gold 6544Y (16C, 3.6 GHz, TLC: 45 MB, Turbo: 4.10 GHz, 20 GT/s, 5,200 MHz, 270 W)
	Intel® Xeon® Gold 6548N (32 C, 2.8 GHz, TLC: 60 MB, Turbo: 3.50 GHz, 20 GT/s, 5,200 MHz, 250 W)
	Intel® Xeon® Gold 6548Y+ (32 C, 2.5 GHz, TLC: 60 MB, Turbo: 3.50 GHz, 20 GT/s, 5,200 MHz, 250 W)
	Intel® Xeon® Gold 6554S (36C, 2.2 GHz, TLC: 180 MB, Turbo: 3.00 GHz, 20 GT/s, 5,200 MHz, 270 W)
Intel® Xeon® Platinum Processor	Intel® Xeon® Platinum 8452Y (36C, 2.0 GHz, TLC: 67.5 MB, Turbo: 2.80 GHz, 16 GT/s, 4,800MHz, 300 W)
	Intel® Xeon® Platinum 8458P (44C, 2.7 GHz, TLC: 82.5 MB, Turbo: 3.20 GHz, 16 GT/s, 4,800MHz, 350 W)
	Intel® Xeon® Platinum 8460Y+ (40C, 2.0 GHz, TLC: 105 MB, Turbo: 2.80 GHz, 16 GT/s, 4,800MHz, 350 W)
	Intel® Xeon® Platinum 8462Y+ (32 C, 2.8 GHz, TLC: 60 MB, Turbo: 3.60 GHz, 16 GT/s, 4,800MHz, 300 W)
	Intel® Xeon® Platinum 8468 (48C, 2.1 GHz, TLC: 105 MB, Turbo: 3.10 GHz, 16 GT/s, 4,800MHz, 350 W)
	Intel® Xeon® Platinum 8468V (48C, 2.4 GHz, TLC: 97.5 MB, Turbo: 2.90 GHz, 16 GT/s, 4,800MHz, 330 W)
	Intel® Xeon® Platinum 8470 (52C, 2.0 GHz, TLC: 105 MB, Turbo: 3.00 GHz, 16 GT/s, 4,800MHz, 350 W)
	Intel® Xeon® Platinum 8470N (52C, 1.7 GHz, TLC: 97.5 MB, Turbo: 2.70 GHz, 16 GT/s, 4,800MHz, 300 W)
	Intel® Xeon® Platinum 8480+ (56C, 2.0 GHz, TLC: 105 MB, Turbo: 3.00 GHz, 16 GT/s, 4,800MHz, 350 W)
	Intel® Xeon® Platinum 8490H (60C, 1.9 GHz, TLC: 112.5 MB, Turbo: 2.90 GHz, 16 GT/s, 4,800MHz, 350 W)
	Intel® Xeon® Platinum 8558 (48C, 2.1 GHz, TLC: 260 MB, Turbo: 3.00 GHz, 20 GT/s, 5,200 MHz, 330 W)
	Intel® Xeon® Platinum 8558P (48C, 2.7 GHz, TLC: 260 MB, Turbo: 3.20 GHz, 20 GT/s, 5,600 MHz, 350 W)
	Intel® Xeon® Platinum 8558U (48C, 2.0 GHz, TLC: 260 MB, Turbo: 2.90 GHz, 4,800 MHz, 300 W)
	Intel® Xeon® Platinum 8562Y+ (32 C, 2.8 GHz, TLC: 60 MB, Turbo: 3.80 GHz, 20 GT/s, 5,600 MHz, 300 W)
	Intel® Xeon® Platinum 8568Y+ (48C, 2.3 GHz, TLC: 300 MB, Turbo: 3.20 GHz, 20 GT/s, 5,600 MHz, 350 W)
	Intel® Xeon® Platinum 8570 (56C, 2.1 GHz, TLC: 300 MB, Turbo: 3.00 GHz, 20 GT/s, 5,600 MHz, 350 W)
	Intel® Xeon® Platinum 8580 (60C, 2.0 GHz, TLC: 300 MB, Turbo: 2.90 GHz, 20 GT/s, 5,600 MHz, 350 W)
	Intel® Xeon® Platinum 8581V (60C, 2.0 GHz, TLC: 300 MB, Turbo: 2.60 GHz, 4,800 MHz, 270 W)
	Intel® Xeon® Platinum 8592+ (64C, 1.9 GHz, TLC: 320 MB, Turbo: 2.90 GHz, 20 GT/s, 5,600 MHz, 350 W)
	Intel® Xeon® Platinum 8592V (64C, 2.0 GHz, TLC: 320 MB, Turbo: 2.90 GHz, 20 GT/s, 4,800MHz, 330 W)
Processor notes	no mix of different processor types

Memory slots	32 (16 DIMMs per CPU, 8 channels with 2 slots per channel)
Memory slot type	DIMM (DDR5)
Memory capacity (min. - max.)	16 GB - 8 TB
Memory protection	ECC Memory Scrubbing SDDC ADDDC (Adaptive Double DRAM Device Correction) Memory Mirroring support
Memory modules notes	Max capacity maybe changed.
Interfaces	
USB 3.x ports	5 x USB 3.0 (2x front, 2x rear, 1x internal)
Graphics (15-pin)	2 x VGA (thereof 1x front optional - not for base unit with 12x 3.5" and 24x 2.5" drives)
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 S6 (10/100/1000 Mbit/s)
Interface notes	Management LAN traffic can be switched to shared onboard Gbit LAN 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 relevant system configurator for configuration options and restrictions.
SATA Controller	1x SATA channel for ODD, 2x SATA channel for M.2 and 8x SATA channel for HDD/SSD
LAN Controller	1 x 1 Gbit/s onboard Dynamic LoM via OCP slot; OCPv3 compliant 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 All supported features are described in relevant system configurator.
Remote management controller	Integrated Remote Management Controller (iRMC S6, 1024 MB attached memory incl. graphics controller) IPMI 2.0 compatible
GPU / coprocessor	GFX/GPU support for dedicated base units. Please see relevant WebArchitect for details and restrictions.
Trusted Platform Module (TPM)	Infineon / TPM 2.0 module; TCG compliant (option)
Slots	
PCI-Express 5.0 x8	2 x
PCI-Express 5.0 x16	4 x Low profile
PCI-Express 4.0 x16	1 x Low profile
Slot Notes	One PCIe 4.0 x16 slot is only for a Modular RAID controller, it may be occupied with it if configured. Important: 3 PCIe slots are supported with the first processor. 4 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	up to 16x 2.5-inch, 24x 2.5-inch, 10x 3.5-inch or 12x 3.5-inch base units
Accessible drive bays	1 x 5.25/9.5mm for DVD-RW/Blu-ray
Notes accessible drives	All possible options described in relevant system configurator.
Optional hard disk bays	2x/4x 2.5-inch hot-plug SAS/SATA/PCIe rear option
General system information	
Number of fans	6
Fan configuration	redundant / hot-plug
Fan notes	n+1 redundant

Operating panel	
Operating buttons	On/off switch Reset button NMI button ID button
Status LEDs	At system front side: Power (DC-On: green / AC-On: white) Global error (orange) Identification (blue) Hard disks access (green) CSS (orange) At system rear side: System status (green) Identification (blue) Global error (orange) LAN connection (green) LAN speed (green / yellow)
BIOS	
BIOS features	UEFI compliant Secure boot support ROM based setup utility GPT support for boot drives larger than 2.2 TB Memory Redundancy support (Mirroring) IPMI support Recovery BIOS BIOS settings save and restore Local BIOS update from USB device Online update tools for main Linux versions IPv4/IPv6 remote PXE & iSCSI boot support Cryptographically Signed BIOS Firmware Update HTTP and HTTPS Boot PCIe Bifurcation configurable
Operating Systems and Virtualization Software	
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
	VMware vSphere™ 8.0
	VMware vSphere™ 7.0
	SUSE® Linux Enterprise Server 15
	Red Hat® Enterprise Linux 8
Operating system release link	http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473
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	
DC Infrastructure Management	Infrastructure Manager (ISM) Essential Edition Advanced Edition
Server Management	ServerView Agentless Service (SVAS) ServerView ESXi CIM Provider ServerView Installation Manager (SVIM) ServerView Update Manager Express (UME)
Management notes	For further information regarding ISM see dedicated data sheets.
Manageability link	http://docs.ts.fujitsu.com/dl.aspx?id=9e92297a-16fb-4c69-8559-e38e7b42fee6

Dimensions / Weight	
Rack (W x D x H)	482.5 mm (Bezel) / 435 mm (Body) x 800 x 86.9 mm
Mounting Depth Rack	873.1 mm
Height Unit Rack	2 U
Rackmount	Yes
Weight	max. 32 kg
Weight notes	Actual weight may vary depending on configuration
Rack integration kit	Rack integration kit as option

Environment	
Operating temperature note	PRIMERGY servers are designed for the usage with operating temperatures of up to 35°C. There could be configurations that are not able to work within this normal operation class. Please use the Fujitsu WebArchitect (www.fujitsu.com/configurator/public) to get detailed information on the corresponding configurations.
Operating relative humidity	8 - 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 configuration: 40 dB(A) (idle) / 49 dB(A) (operating) Maximum configuration: 53 dB(A) (idle) / 63 dB(A) (operating)
Sound power (LWAd; 1B = 10dB)	Typical configuration: 5.4 B (idle) / 6.5 B (operating) Maximum configuration: 6.8 B (idle) / 7.7 B (operating)
Noise notes	Noise emissions depends on operation modes, system configuration and ambient temperature.

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)	2,608 W
Apparent power (max. configuration)	2635 VA
Heat emission (max. configuration)	9388.8 kJ/h (8898.9 BTU/h)
Rated current max.	12A (100-127 V) / 15A (200-240 V)
Active power note	To estimate the power consumption of different configurations please use the Fujitsu WebArchitect: www.fujitsu.com/configurator/public
Power supply	500W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 500W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 900W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 900W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 1600W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz; 100V range: 1030W 1600W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 2200W hot-plug, 94% (Platinum efficiency), 200-240V, 50 / 60Hz 2400W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 1300W hot-plug, 94% (equivalent to Platinum efficiency) –48V DC 1600W 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. Platinum PSUs are only for APAC/Japan market.

Compliance	
Product	PRIMERGY RX2540 M7
Model	PR300E
Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment)
Germany	GS
Europe	CE
USA/Canada	NRTLc/us FCC Class A ICES-003 / NMB-003 Class A
Japan	VCCI Class A + JIS 61000-3-2
Russia	EAC

Compliance	
South Korea	KC
China	CCC
Australia/New Zealand	RCM
Taiwan	BSMI
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

Backup Drives	LTO7HH Ultrium, 2,500 GB, 300 MB/s, half height, SAS 6Gb/s
	LTO7HH Ultrium, 300 MB/s, half height
	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
SSD SAS 2.5-inch	SSD SAS, 22.5Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD
	SSD SAS, 22.5Gb/s, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD
	SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD
	SSD SAS, 22.5Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD
	SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD
	SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD
	SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD
	SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD
	SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD
	SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD
	SSD SAS, 12 Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD
	SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD
	SSD SAS, 12 Gb/s, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD
	SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD
	SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD
	SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD
	SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD
	SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD

SSD SAS 3.5-inch	SSD SAS, 22.5Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD
	SSD SAS, 22.5Gb/s, 6.4 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD
	SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD
	SSD SAS, 22.5Gb/s, 3.2 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD
	SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD
	SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD
	SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD
	SSD SAS, 12 Gb/s, 800 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD
	SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD
	SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD
	SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD
	SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD
	SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD
	SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD
	SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD
	SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD
SSD SATA 2.5-inch	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD, SED
	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD, SED
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.4 DWPD
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.5 DWPD
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD
	SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD, SED
	SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 1.0 DWPD
	SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD, SED
	SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD

SSD SATA 3.5-inch	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD, SED
	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD, SED
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.0 DWPD
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.4 DWPD
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD
	SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.5 DWPD
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD
	SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD, SED
	SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 1.0 DWPD
	SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD
	SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD, SED
	SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 0.9 DWPD
HDD 2.5-inch	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 2.5-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 3.5-inch	HDD SATA, 6 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 12 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, 1 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 20 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 12 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, 1.8 TB, 10,000 rpm, 512e, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise

PCIe SSD & SATA DOM SSD	PCIe-SSD SFF, 800 GB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 100 DWPD
	PCIe-SSD SFF, 400 GB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 100 DWPD
	PCIe-SSD SFF, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD
	PCIe-SSD SFF, 12.8 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD
	PCIe-SSD SFF, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD
	PCIe-SSD SFF, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD
	PCIe-SSD SFF, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD
	PCIe-SSD SFF, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD
	PCIe-SSD SFF, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD
	PCIe-SSD SFF, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 100 DWPD
	PCIe-SSD SFF, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD
SED	SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
	SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
	SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
	SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
	SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
	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, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 20 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 18 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, enterprise, SED
	HDD SAS, 12 Gb/s, 14 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, enterprise, SED
	HDD SAS, 12 Gb/s, 2.4 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, SED
	HDD SAS, 12 Gb/s, 1.2 TB , 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
SCSI / SAS Controller	PSAS CP 2200-16i LP SAS Ctrl. PCIe 3.0 x8
	PSAS CP 2100-8i LP SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8
	Fujitsu PSAS CP 2200-16i LP Host Bus Adapter 24 Gbit/s 16 GT/s 16 ports int.
	Broadcom® PSAS CP600i LP SAS Ctrl. 12 Gbit/s PCIe 3.0 x8
	Broadcom® PSAS CP600e LP SAS Ctrl. 12 Gbit/s PCIe 3.0 x8
	Broadcom® PSAS CP600e FH SAS Ctrl. 12 Gbit/s PCIe 3.0 x8

RAID Controller	pre-configured RAID1 Array for M.2 in PDUAL,
	Fujitsu PRAID EP680i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 16 GT/s, 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3916
	Fujitsu PRAID EP680e LP, RAID 5/6 Ctrl., SAS 12 Gbit/s, 8 ports ext. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP680e FH, RAID 5/6 Ctrl., SAS 12 Gbit/s, 8 ports ext. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP640i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU based on LSI SAS3908
	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 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 EP 3258-16i LP, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, NVMe-PCIe 16 GT/s, 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU
	Fujitsu PRAID EP 3254-8i LP, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU
	Fujitsu PRAID EP 3252-8i LP, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU
	Broadcom® PRAID CP500i LP, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, No FBU support
Fibre Channel controller	Fibre Channel Host Bus Adapter 1 x Qlogic QLE2770-FJ-BK LC-style
	Fibre Channel Host Bus Adapter 2 x Qlogic QLE2772-FJ-BK LC-style
	Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Emulex LPE35000-M2-F MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPE35002-M2-F MMF LC-style
	Fibre Channel Host Bus Adapter 1 x Qlogic QLE2870-FJ-BK MMF LC-style
	Fibre Channel Host Bus Adapter 2 x Qlogic QLE2872-FJ-BK MMF LC-style
	Fibre Channel Host Bus Adapter 1 x Emulex LPE36000-M64-F MMF LC-style
	Fibre Channel Host Bus Adapter 2 x Emulex LPE36002-M64-F MMF LC-style
	Fibre Channel Host Bus Adapter 2 x Emulex LPE36000-M64-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
	InfiniBand HCA 1 x 200Gb/s PCIe x16 QSFP for the US market max. one IB HCA 200Gb controller can be installed (Mellanox)
GPU computing card	-, 1223 GB/s, 24GB HBM2e, N/A, PCIe 4.0 x16
	-, 48 GB, 864 GB/s, 48GB GDDR6, N/A, PCIe 4.0 x16
	NVIDIA® A40, 48 GB, 696 GB/s, 48GB GDDR6, N/A, PCIe 4.0 x16
	NVIDIA® RTX™ A6000, 48 GB, 786 GB/s, 48 GB GDDR6, N/A, PCIe 4.0 x16, 4 x DisplayPort
	NVIDIA® A16, 64 GB, 800GB/s (4 x200GB/s), 64GB GDDR6 (4 x16GB), N/A, PCIe 4.0 x16
	NVIDIA® A30, 933GB/s, 24GB HBM2, N/A, PCIe 4.0 x16
	NVIDIA® RTX™ A4500, 640 GB/s, 20GB GDDR6, N/A, PCIe 4.0 x16, 4 x DisplayPort
	NVIDIA® A2, 200GB/s, 16GB GDDR6, N/A, PCIe 4.0 x8
	NVIDIA® A2, 200GB/s, 16GB, N/A, PCIe 4.0 x8
	-, xxxGB/s, 24GB GDDR6, N/A, PCIe 4.0 x16
	NVIDIA® RTX™ 6000 Ada, 48 GB, 786 GB/s, 48 GB GDDR6, N/A, PCIe 4.0 x16, 4 x DisplayPort
	NVIDIA® RTX™ 6000 Ada, 48 GB, 786 GB/s, 20 GB GDDR6, N/A, PCIe 4.0 x16, 4 x DisplayPort
	NVIDIA® T400 4GB, 4 GB, 384 cores, 4GB, N/A, PCIe x16, 3 x miniDP

Rack infrastructure	Cable Arm 2U for PRIMECENTER- and 3rd-party racks
	Rackmount kit full extraction (870mm). tool less mounting for general use, length variable 559-890mm. If consider to shipment with Rack and earthquake, suggest to fix RMK with security screw.
	Rackmount kit partial extraction (400mm). tool less mounting for general use, length variable 559-890mm.

Notes	
Compatibility	If and to the extent a list of components or certain compatibilities are specified in the product data sheet, these component lists and compatibility specifications are exhaustive. Using deviating or other system components and applications together with the product may but does not necessarily have to lead to compatibility problems. A final statement and/or commitment on the compatibility of such deviating or other system components and applications can only be provided after a corresponding verification through a dedicated compatibility testing.
Continuity management	The product may in connection with and depending on the specific configuration include elements to support time- and performance-critical applications, however high availability (e.g., 99.9999%) and failsafe performance is not a standalone product feature. If and to the extent the product is to be used in such business-critical environments, it is within the sole responsibility of the user to set up the specific additional technical features (e.g., Storage Cluster), redundancies, and operational conditions as required to ensure such high availability or failsafe performance.
Security	The properties of the product provide a baseline for product security and therefore end-customer IT security. However, these properties are not sufficient on their own to protect the product from all existing threats, such as intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, please use the configuration options as available for the respective product. During operation, the IT security of this product is within the responsibility of the respective administrator/end-user of the product. Please note, that Fujitsu as a manufacturer does not make any policy prescriptions or advocacy statements regarding IT security best practices and/or general product operation.

Warranty	
Manufacturer warranty period	3 years
Warranty type	Onsite warranty
Warranty Terms & Conditions Product Support - the perfect extension	www.fujitsu.com/support
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 PRIMERGY RX2540 M7, 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/

Software
www.fujitsu.com/software/

More information

Learn more about PRIMERGY RX2540 M7, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://www.fujitsu.com/emeia/products/computing/servers/primergy/rack/rx2540m7/

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

Copyrights

All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see http://www.fujitsu.com/emeia/resources/navigation/terms-of-use.html
Copyright 2024 Fujitsu LIMITED

Disclaimer

Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering. The product was developed for normal business use.
Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner.

Contact
Fujitsu LIMITED

Website: www.fujitsu.com
2024-08-26 WW-EN