

# Data Sheet

## FUJITSU Server PRIMERGY RX200 S8 Dual socket 1U rack server

Maximum productivity in a 1U housing

The Fujitsu Server PRIMERGY RX Rack Server family is the perfect platform to form dynamic infrastructures for your business processes today and in the coming decade. You will thus benefit several times over from our recognized experience in optimized data center technology and our innovative strength in developing energy-efficient and cost/performance-optimized rack systems for universal use. PRIMERGY rack servers, built upon industry standards, focus from a functional viewpoint on core features: energy efficiency, reliability, optimized for virtualization, ease of operation and maintenance, flexibility for your future. And thus they notably meet your requirements for outstanding cost efficiency. Optimal operating costs and long-term usability comply with the IT quality required by your customers. Our responsibility goes way beyond the hardware as our tailor-made service packages mean that you can rely on the best support for your IT during its whole lifecycle.

costs.



### PRIMERGY RX200 S8

The Fujitsu Server PRIMERGY RX200 S8 is a rack server that provides high performance, expandability and energy efficiency in 1U space saving housing. Thus, the PRIMERGY RX200 S8 is ideal for virtualization and cloud, small databases as well as for high performance computing thanks to the top performance of the new Intel® Xeon® E5 product family. Moreover, the RX200 S8 delivers a great expandability, by supporting up to 1536 GB of memory, eight hard disk drives and cost-saving Modular LAN options to ensure future requirements are met and budgets are saved. Thanks to the highly efficient power supply units with an efficiency rate of 96 % and the new power management this will result in lower operational



# Features & Benefits

Main Features	Benefits
<p><b>Meet today's demand and be prepared for future requirements</b></p> <ul style="list-style-type: none"> <li>■ Intel Xeon E5-2600 v2 product family with up to 12 core processors and Turbo Boost 2.0</li> </ul> <p><b>Lifecycle investment protection</b></p> <ul style="list-style-type: none"> <li>■ Expanded scalability of up to 24 DIMMs with 1536 GB memory, up to 8 hard disk drives and 4 PCIe slots Gen3</li> <li>■ New modular concept for the base unit as well as a choice for LAN controller, RAID controller and power supplies</li> <li>■ Upgrade kits for hard disk drives and CPU available</li> </ul> <p><b>Cost efficient operations</b></p> <ul style="list-style-type: none"> <li>■ Comprehensive power management including pre-defined power profiles and a scheduled mode to switch between the profiles automatically</li> <li>■ 2 hot-plug PSU with 94 % efficiency (96 % planned)</li> <li>■ Cool-safe™ Advanced Thermal Design enables the operation in a higher ambient temperature</li> <li>■ Fujitsu ServerView Suite offers tools for installation and deployment, permanent status monitoring and control. A wide range of integration packs allow a seamless and easy integration in widely-used enterprise management systems.</li> </ul>	<ul style="list-style-type: none"> <li>■ High performance for an efficient datacenter</li> <li>■ 50% more cores compared to the previous generation enables to run significantly more virtual machines</li> <li>■ Optimized for business applications, cloud and virtualization</li> <li>■ Maximum productivity and scalability in space saving 1U housing to meet future demand</li> <li>■ Individual and cost-saving configuration of the server according to the need of today with upgrade option to meet the demand of tomorrow</li> <li>■ Upgrade kits save budget as the system can be upgraded when the company grows and thus protect the investment</li> <li>■ Simplified power management that adjust the power consumption accordingly to the current usage or to the given power policy</li> <li>■ 5°C higher ambient temperature enables savings of up to 27% on power and cooling</li> <li>■ Fujitsu ServerView Suite provides all the functions for fail-safe, flexible and automated 24x7 server operations and improves end-user productivity via intelligent and innovative system management solutions.</li> </ul>

# Technical details

<b>Housing types</b>	Rack	Rack
<b>Storage drive architecture</b>	4x 2.5-inch SAS/SATA	8x 2.5-inch SAS/SATA
<b>Power supply</b>	Hot-plug	Hot-plug
<b>Mainboard</b>		
<b>Mainboard type</b>	D3302	
<b>Chipset</b>	Intel® C600 (Intel® Patsburg A)	
<b>Processor quantity and type</b>	1 - 2 x Intel® Xeon® processor E5-2600 v2 product family	
<b>Processor</b>		
	Intel® Xeon® processor E5-2603v2 (4C/4T, 1.80 GHz, TLC: 10 MB, Turbo: No, 6.4 GT/s, Mem bus: 1333 MHz, 80 W)	
	Intel® Xeon® processor E5-2609v2 (4C/4T, 2.50 GHz, TLC: 10 MB, Turbo: No, 6.4 GT/s, Mem bus: 1333 MHz, 80 W)	
	Intel® Xeon® processor E5-2620v2 (6C/12T, 2.10 GHz, TLC: 15 MB, Turbo: Yes, 7.2 GT/s, Mem bus: 1600 MHz, 80 W)	
	Intel® Xeon® processor E5-2630Lv2 (6C/12T, 2.40 GHz, TLC: 15 MB, Turbo: Yes, 7.2 GT/s, Mem bus: 1600 MHz, 60 W)	
	Intel® Xeon® processor E5-2630v2 (6C/12T, 2.60 GHz, TLC: 15 MB, Turbo: Yes, 7.2 GT/s, Mem bus: 1866 MHz, 80 W)	
	Intel® Xeon® processor E5-2637v2 (4C/8T, 3.50 GHz, TLC: 15 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 130 W)	
	Intel® Xeon® processor E5-2640v2 (8C/16T, 2.00 GHz, TLC: 20 MB, Turbo: Yes, 7.2 GT/s, Mem bus: 1600 MHz, 95 W)	
	Intel® Xeon® processor E5-2643v2 (6C/12T, 3.50 GHz, TLC: 25 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 130 W)	
	Intel® Xeon® processor E5-2650Lv2 (10C/20T, 1.70 GHz, TLC: 25 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1600 MHz, 70 W)	
	Intel® Xeon® processor E5-2650v2 (8C/16T, 2.60 GHz, TLC: 20 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 95 W)	
	Intel® Xeon® processor E5-2660v2 (10C/20T, 2.20 GHz, TLC: 25 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 95 W)	
	Intel® Xeon® processor E5-2667v2 (8C/16T, 3.30 GHz, TLC: 25 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 130 W)	
	Intel® Xeon® processor E5-2670v2 (10C/20T, 2.50 GHz, TLC: 25 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 115 W)	
	Intel® Xeon® processor E5-2680v2 (10C/20T, 2.80 GHz, TLC: 25 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 115 W)	
	Intel® Xeon® processor E5-2690v2 (10C/20T, 3.00 GHz, TLC: 25 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 130 W)	
	Intel® Xeon® processor E5-2695v2 (12C/24T, 2.40 GHz, TLC: 30 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 115 W)	
	Intel® Xeon® processor E5-2697v2 (12C/24T, 2.70 GHz, TLC: 30 MB, Turbo: Yes, 8.0 GT/s, Mem bus: 1866 MHz, 130 W)	
<b>Memory slots</b>	24 (12 DIMMs per CPU, 4 channels with 3 slots per channel)	
<b>Memory slot type</b>	DIMM (DDR3)	
<b>Memory capacity (min. - max.)</b>	4 GB - 1536 GB	
<b>Memory protection</b>	Advanced ECC Memory Scrubbing SDDC (Chipkill™) Rank sparing memory support Memory Mirroring support (as soon as released)	

<b>Memory notes</b>	Max. 8 memory modules/CPU with UDIMM (low voltage or standard) OR quad-rank RDIMM; max. 12 memory modules/CPU with single or dual-rank RDIMM or single, dual-rank or quad-rank Load-Reduced (LR) DIMM. Memory Mirroring with identical modules in both channel pairs of a bank (4 modules per bank), Rank sparing or Performance Mode with identical modules in all four channels (4 modules per bank).	
<b>Memory options</b>	4 GB (1 module(s) 4 GB) DDR3 LV, registered, ECC, 1600 MHz, PC3-12800, DIMM	
	8 GB (1 module(s) 8 GB) DDR3 LV, registered, ECC, 1600 MHz, PC3-12800, DIMM	
	8 GB (1 module(s) 8 GB) DDR3, registered, ECC, 1866 MHz, PC3-14900, DIMM	
	16 GB (1 module(s) 16 GB) DDR3 LV, registered, ECC, 1600 MHz, PC3-12800, DIMM	
	16 GB (1 module(s) 16 GB) DDR3, registered, ECC, 1866 MHz, PC3-14900, DIMM	
	32 GB (1 module(s) 32 GB) DDR3 LV, registered, ECC, 1600 MHz, PC3-12800, DIMM	
<b>Memory options</b>	8 GB (1 module(s) 8 GB) DDR3, unbuffered, ECC, 1600 MHz, PC3-12800, DIMM	
<b>Interfaces</b>		
<b>USB 2.0 ports</b>	6 x USB 2.0 (2x front, 3x rear, 1x uSSD)	
<b>Graphics (15-pin)</b>	2 x VGA (thereof 1x front optional)	
<b>Serial 1 (9-pin)</b>	1 x optional	
<b>LAN / Ethernet</b>	2 x Gbit/s Ethernet (RJ45) with upgrade options for additional 2x1 Gbit/s (RJ45), 4x 1 Gbit/s (RJ45) or 2x 10 Gbit/s (SFP+)	
<b>Management LAN (RJ45)</b>	1 x dedicated management LAN port for iRMC S4 (10/100/1000 Mbit/s) Management LAN traffic can be switched to shared onboard Gbit LAN port or optional Modular LAN 2x10 Gbit controller Front Service LAN port as option	
<b>Onboard or integrated Controller</b>		
<b>RAID controller</b>	4 port for internal 3G SATA and SAS (as upgrade option with SAS enabling key) for HDDs with RAID 0/1/10 (Intel C600) additional RAID controller options are described under Components RAID controller	
<b>SATA Controller</b>	Intel® C600, 1 x SATA channel for ODD	
<b>LAN Controller</b>	Intel® Ethernet Controller I350, 2 x 10/100/1000 Mbit/s Ethernet (I/O acceleration), Modular integrated on-board LAN offers upgrade options for additional 2x1 Gbit/s , 4x 1 Gbit/s or 2x 10 Gbit/s. PXE-Boot via LAN from PXE server, iSCSI boot (also diskless)	
<b>Remote Management Controller</b>	Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible	
<b>Trusted Platform Module (TPM)</b>	Infineon / separate module; TCG V1.2 compliant (option)	
<b>Slots</b>		
<b>PCI-Express 3.0 x8</b>	3 x Low profile	
<b>PCI-Express 3.0 x16</b>	1 x Low profile	
<b>Slot Notes</b>	One PCIe Gen3 x8 slot may be occupied with a Modular integrated on-board LAN controller if configured. One PCIe Gen3 x8 slot may be occupied with a Modular RAID controller if configured. Possible slot length described in relevant system configurator.	
<b>Drive bays (Base unit specific)</b>		
<b>Storage drive bays</b>	4 x 2.5-inch base unit or 8 x 2.5-inch base unit	
<b>Accessible drive bays</b>	1 x 5.25/0.5-inch for DVD-RW/Blu-ray (only for base unit 4x 2.5-inch HDD)	
<b>Notes accessible drives</b>	All possible options described in relevant system configurator.	
<b>Drive bays (Base unit specific)</b>		
<b>Storage drive bays</b>	4 x 2.5-inch hot-plug SAS/SATA	8 x 2.5-inch hot-plug SAS/SATA
<b>General system information</b>		
<b>Number of fans</b>	6	
<b>Fan configuration</b>	redundant / hot-plug	
<b>Fan notes</b>	4 + 2 double-fans for 2 CPU configuration	
<b>Operating panel</b>		
<b>Operating buttons</b>	On/off switch Reset button NMI button ID button	

**Operating panel**

<b>Status LEDs</b>	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**

<b>BIOS features</b>	ROM based setup utility
	Recovery BIOS
	BIOS settings save and restore
	Local BIOS update from USB device
	Online update tools for main Windows and Linux versions
	Local and remote update via ServerView Update Manager
	SMBIOS V2.4
	Remote PXE boot support
	Remote iSCSI boot support

**Operating Systems and Virtualization Software**

<b>Certified or supported operating systems and virtualization software</b>	Microsoft® Hyper-V Server R2 2012
	Microsoft® Windows Server® 2012 R2 Datacenter
	Microsoft® Windows Server® 2012 R2 Standard
	Microsoft® Windows Server® 2012 R2 Essentials
	Microsoft® Windows Server® 2012 R2 Foundation
	Microsoft® Windows Storage Server 2012 R2 Standard
	Microsoft® Hyper-V Server 2012
	Microsoft® Windows Server® 2012 Datacenter
	Microsoft® Windows Server® 2012 Standard
	Microsoft® Windows Server® 2012 Essentials
	Microsoft® Windows Storage Server 2012 Standard
	Microsoft® Hyper-V™ Server 2008 R2
	Microsoft® Windows Server® 2008 R2 Datacenter
	Microsoft® Windows Server® 2008 R2 Enterprise
	Microsoft® Windows Server® 2008 R2 Standard
	Microsoft® Windows® Small Business Server 2011 Premium Add-On
	Microsoft® Windows® Small Business Server Standard 2011
	Microsoft® Windows® Server 2008 Datacenter
	Microsoft® Windows® Server 2008 Enterprise
	Microsoft® Windows® Server 2008 Standard
	VMware vSphere™ 5.5 Embedded
	VMware vSphere™ 5.5
	VMware vSphere™ 5.0 Embedded
	VMware vSphere™ 5.0
	VMware vSphere™ 4.1
	VMware vSphere™ 4.1 Embedded
	VMware vSphere™ 4.1 Installable
	Novell® SUSE Linux Enterprise Server 11
	Red Hat® Enterprise Linux 6
	Red Hat® Enterprise Linux 5
Red Hat® Enterprise Linux 5 with XEN	
Citrix® XenServer®	

<b>Operating system release link</b>	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473">http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473</a>
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## Operating Systems and Virtualization Software

Operating system notes Support of other Linux derivatives on demand

## Server Management

<b>Standard</b>	<ul style="list-style-type: none"> <li>ServerView Suite - Deploy               <ul style="list-style-type: none"> <li>SV Installation Manager</li> <li>SV Scripting Toolkit</li> <li>SV Deployment Manager (30-day trial version)</li> </ul> </li> <li>ServerView Suite - Control               <ul style="list-style-type: none"> <li>SV Operations Manager incl. PDA and ASR &amp; R (Prefailure and Analysis; Automatic Server Recovery and Restart)</li> <li>SV Performance Management</li> <li>SV Power Management</li> <li>SV RAID Manager</li> </ul> </li> <li>ServerView Suite - Maintain               <ul style="list-style-type: none"> <li>SV Remote Management (iRMC)</li> <li>SV Update Management (BIOS, Firmware, Windows Drives and SV Agents)</li> <li>SV Asset Management</li> <li>SV Online Diagnostics</li> </ul> </li> <li>ServerView Suite - Integrate               <ul style="list-style-type: none"> <li>SV Integration packs e.g. for Microsoft System Center, Nagios, HP, SIM, HP NNM, IBM Tivoli, Altiris</li> </ul> </li> </ul>
<b>Option</b>	<ul style="list-style-type: none"> <li>ServerView Suite - Deploy               <ul style="list-style-type: none"> <li>SV Deployment Manager (full version)</li> </ul> </li> <li>ServerView Suite - Maintain               <ul style="list-style-type: none"> <li>iRMC Advanced Pack incl. Advanced Video Redirection (AVR) and Remote Storage</li> </ul> </li> <li>ServerView Suite - Dynamize               <ul style="list-style-type: none"> <li>SV Virtual-IO Manager (VIOM)</li> <li>SV Resource Orchestrator Virtual Edition (ROR VE)</li> <li>SV Resource Orchestrator Cloud Edition (ROR CE)</li> </ul> </li> <li>ServerView Suite - Integrate               <ul style="list-style-type: none"> <li>SV Integration pack for Fujitsu ManageNow® solution</li> </ul> </li> </ul>
<b>Server Management notes</b>	Regarding operating system dependencies for ServerView Suite software products see dedicated product data sheets.

## Dimensions / Weight

<b>Rack (W x D x H)</b>	482 mm (Bezel) / 431mm (Body) x 762 mm x 43 mm
<b>Mounting Depth Rack</b>	718 mm
<b>Height Unit Rack</b>	1 U
<b>19" rackmount</b>	Yes
<b>Mounting Cable depth rack</b>	200 mm (1,000 mm Rack recommended)
<b>Weight</b>	up to 18 kg
<b>Weight notes</b>	Actual weight may vary depending on configuration
<b>Rack integration kit</b>	Rack integration kit as option

## Environmental

<b>Operating ambient temperature</b>	5 - 40 °C
<b>Operating temperature note</b>	Cool-Safe™ Advanced Thermal Design (above 35° or below 10° C) depending on configuration (planned). For detailed information see relevant system configurator.
<b>Operating relative humidity</b>	10 - 85 % (non condensing)
<b>Operating environment</b>	FTS 04230 – Guideline for Data Center (installation specification)
<b>Operating environment Link</b>	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe">http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe</a>
<b>Noise emission</b>	Measured according to ISO 7779 and declared according to ISO 9296
<b>Sound pressure (LpAm)</b>	Minimum noise : 32 dB(A) (idle) / 32 dB(A) (operating) Typical noise : 50 dB(A) (idle) / 50 dB(A) (operating)
<b>Sound power (LWAd; 1B = 10dB)</b>	Minimum noise : 5.0 B (idle) / 5.0 B (operating) Typical noise : 6.7 B (idle) / 6.7 B (operating)
<b>Noise notes</b>	Noise emissions and operation modes depend on system configuration.

**Electrical values**

Power supply configuration	1-2x 450W/800W hot-plug power supply
Max. output of single power supply	450 W (94% efficiency); 800W (94% / 96% efficiency)
Power supply efficiency	94 % (80 PLUS platinum) 96 % (80 PLUS titanium) (planned)
Hot-plug power supply output	450 W (94% efficiency); 800W (94% / 96% efficiency)
Hot-plug power supply redundancy	Yes
Rated voltage range	100 V - 240 V
Rated frequency range	47 Hz - 63 Hz
Rated current max.	8.0 A (100 V) / 4.0 A (240 V)
Rated current in basic configuration	1.5 A (100 V) / 0.6 A (240 V)
Active power (max. configuration)	627 W
Active power note	To estimate the power consumption of different configurations use the Power Calculator of the System Architect: <a href="http://configurator.ts.fujitsu.com/public/">http://configurator.ts.fujitsu.com/public/</a>
Apparent power (max. configuration)	646 VA
Heat emission	2257.2 kJ/h (2139.4 BTU/h)
Power Supply Notes	Power Safeguard adapts system performance in case the wattage exceeds supply limits.

**Compliance**

Germany	GS
Europe	CE Class A *
USA/Canada	CSAc/us ULc/us ICES-003 Class A FCC Class A
Global	CB RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment)
Japan	VCCI Class A + JIS 61000-3-2
China	CCC (planned)
Taiwan	CNS 13438 class A - planned
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.
Compliance link	<a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a>
Global	
Compliance link	<a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a> <a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a>

# Components

<b>Storage drives</b>	SSD SATA, 6 Gb/s, 400 GB, MLC, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 200 GB, MLC, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 100 GB, MLC, hot-plug, 2.5-inch, enterprise
	SSD SAS, 6 Gb/s, 200 GB, MLC, hot-plug, 2.5-inch, enterprise
	SSD SAS, 6 Gb/s, 100 GB, MLC, hot-plug, 2.5-inch, enterprise
	PCIe-SSD, 785 GB, MLC, Flash drive, 7.7 DWPD (drive writes per day)
	PCIe-SSD, 365 GB, MLC, Flash drive, 6 DWPD (drive writes per day)
	PCIe-SSD, 1.2 TB, MLC, Flash drive, 7.7 DWPD (drive writes per day)
	HDD SATA, 6 Gb/s, 500 GB, 7200 rpm, hot-plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 250 GB, 7200 rpm, hot-plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 1 TB, 7200 rpm, hot-plug, 2.5-inch, business critical
	HDD SAS, 6 Gb/s, 900 GB, 10000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 600 GB, 10000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 500 GB, 7200 rpm, hot-plug, 2.5-inch, business critical
	HDD SAS, 6 Gb/s, 450 GB, 10000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 300 GB, 15000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 300 GB, 10000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 146 GB, 15000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 1 TB, 7200 rpm, hot-plug, 2.5-inch, business critical
	<b>Optical drives</b>
DVD Super Multi, (8xDVD/DVD+RW, 6xDVD-RW, 5xDVD-RAM; 24xCD/CD-R, 16xCD-RW), slimline, SATA I	
<b>SCSI / SAS Controller</b>	SAS Ctrl. 6 Gbit/s 8 ports ext. PCIe Gen2 x8
<b>RAID Controller</b>	RAID 5/6 Ctrl., SAS/SATA 6 Gbit/s, LSI LSI MegaRAID SAS 9286CV-8e, 8 ports ext. RAID level: 0, 1, 10, 5, 50, 6, 60, 1 GB, Optional FBU (based on LSI SAS2208)
	RAID 5/6 Ctrl., SAS/SATA 6 Gbit/s, Fujitsu RAID Ctrl SAS 6G 5/6 512MB (D2616), 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 512 MB Cache, Optional BBU (based on LSI SAS2108)
	RAID 5/6 Ctrl., SAS/SATA 6 Gbit/s, Fujitsu RAID Ctrl SAS 6G 1GB (D3116C), 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 1 GB, Optional FBU (based on LSI SAS2208)
	RAID 0/1 Ctrl., SAS/SATA 6 Gbit/s, Fujitsu RAID Ctrl SAS 6G 0/1 (D2607), 8 ports int. RAID level: 0, 1, 10, No BBU support
<b>Fibre Channel controller</b>	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Emulex LPe1250 MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Emulex LPe12002 MMF LC-style
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Emulex LPe16000B LC-style
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe16002B LC-style



<b>Communication, Network</b>	Converged Network Adapter 2 x 10 Gbit/s PCIe x8 ( Emulex ) Ethernet Ctrl. 1 x 1 Gbit/s PCIe x1 ( Intel® ) Ethernet Ctrl. 1 x 1 Gbit/s PCIe x4 ( Intel® ) Ethernet Ctrl. 2 x 10 Gbit/s PCIe x8 ( Fujitsu ) Ethernet Ctrl. 2 x 10 Gbit/s PCIe x8 ( Intel® ) Ethernet Ctrl. 2 x 1 Gbit/s PCIe x4 ( Fujitsu ) Ethernet Ctrl. 2 x 1 Gbit/s PCIe x4 ( Intel® ) Ethernet Ctrl. 4 x 1 Gbit/s PCIe x4 ( Fujitsu ) Ethernet Ctrl. 4 x 1 Gbit/s PCIe x4 ( Intel® ) InfiniBand HCA 1 x 40 Gbit/s PCIe Gen2 x8 ( Intel® ) InfiniBand HCA 1 x 40 Gbit/s PCIe Gen2 x8 ( Mellanox ) InfiniBand HCA 1 x 40 Gbit/s PCIe Gen3 x8 ( Mellanox ) InfiniBand HCA 1 x 56 Gbit/s PCIe Gen3 x8 ( Mellanox ) InfiniBand HCA 2 x 40 Gbit/s PCIe Gen2 x8 ( Intel® ) InfiniBand HCA 2 x 40 Gbit/s PCIe Gen3 x8 ( Mellanox ) InfiniBand HCA 2 x 56 Gbit/s PCIe Gen3 x8 ( Mellanox )
<b>Graphics</b>	NVIDIA® Quadro® NVS 300 LP, PCIe x1, 2x DVI/VGA
<b>Rack infrastructure</b>	Rackmount kit full extraction (820mm), tool less mounting, length variable 559-914mm Cable Management 1U for PRIMECENTER- and 3rd-party racks
<b>Warranty</b>	
<b>Standard Warranty</b>	3 years
<b>Service level</b>	Onsite Service (depending on country)
<b>Warranty Terms &amp; Conditions</b>	<a href="http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM">http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM</a>
<b>Maintenance and Support Services - the perfect extension</b>	
<b>Support Pack Options</b>	Globally available in major business areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time 24x7, 4h Onsite Response Time
<b>Recommended Service</b>	24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.
<b>Service Lifecycle</b>	5 years after end of product life
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/fts/services/support">http://www.fujitsu.com/fts/services/support</a>

# More information

## Fujitsu OPTIMIZATION Services

In addition to Fujitsu PRIMERGY RX200 S8, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

## Fujitsu Portfolio

Build 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 offering. This allows customers to leverage 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/services/computing/](http://www.fujitsu.com/global/services/computing/)

## Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about Fujitsu PRIMERGY RX200 S8, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <http://www.fujitsu.com/PRIMERGY>

## Fujitsu green policy innovation

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