

Data Sheet FUJITSU Server PRIMERGY RX900 S2 8 socket 8U rack server

It starts where 4 socket servers end up!

FUJITSU Server PRIMERGY systems provide the most powerful and flexible data center solutions for companies of all sizes, across all industries and for any type of workload. This includes expandable PRIMERGY tower servers for remote and branch offices, versatile rack-mount servers, compact and scalable blade systems, as well as density-optimized scale-out servers. They convince by business proven quality with a wide range of innovations, highest efficiency cutting operational cost and complexity, and provide more agility in daily operations in order to turn IT faster into a business advantage.

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

PRIMERGY RX900 S2

The Fujitsu Server PRIMERGY RX900 S2 is a 8-socket multi-core Xeon system with latest Intel® Xeon® E7-8800 processor family in a "glue-less" scale-up rack server design, easily scaling up inside the system for up to 80 cores, 128 DIMMs for main memory and more than 100 GB/s aggregated I/O throughput. The system drives the x86 price performance benefits into the datacenter backend tiers, until now being dominated by proprietary RISC/Unix platforms.

New RAS features of the Intel® Xeon® E7-8800 processor family perfectly combine with the built-in High Availability functions of the RX900 S2 system, enabling enterprises to run even their most demanding large-scale business critical workloads and virtualization projects on an x86 environment with peace of mind at lower total

cost.











Features & Benefits

Main Features

Benefits

8 sockets scale-up performance

- With PRIMERGY RX900 S2, the highspeed Intel Quickpath QPI link architecture is used to enable seamless 8-socket scalability using the new Intel® Xeon® E7-8800 processor family with up to 10 cores per CPU. The result is a new scale-up server, that sets a new performance reach achievable with x86 rack server technology.
- Compared to latest generation 4 socket Xeon servers, the new RX900 S2 with Intel Xeon processor E7-8800 product family scales up to 80 processor cores and 160 threads a double-up in number of cores and threads per system. Combined with the massive memory capacity using up to 128 memory DIMM sockets, the RX900 S2 truly constitutes a new 8 socket x86 performance class which starts where the 4-socket x86 server reach is ending up.

Linear Scalability

RX900 S2 provides linear scalability by simultaneously expanding I/O capacity, memory capacity and CPU performance, once upgrading the system with combined CPU/Memory boards. Not only will CPU performance scale up in line with additional 16 memory slots per configurable board. With Intel QPI link technology, a fully populated 8 CPU system will have 4 activated I/O hubs, providing aggregated peak I/O bandwidth of more than 100 GByte/s. The two onboard 10 Gigabit Ethernet controllers plus 6 x 1000 baseT onboard Ethernet ports ensure ample IP network bandwidth from the very start.

Scale-up growth without a change

- The new PRIMERGY RX900 S2 packs its scalability for 8 socket performance, 16 x PCle slots, up to 128 memory sockets on 8 CPU/Memory boards, and 2+1 or 2+2 power supply redundancy features into a space saving 8U rack unit.
- Starting with a 4 socket basic configuration, it enables to scale up the system to its upper limits, inside the same chassis and without having to modify the rack infrastructure.

Integrated High Availability as Standard

- Advanced Memory Mirroring, ECC and SDDC memory protection, hot-plug redundant fans, hot-plug power supplies (2+1 and 2+2 redundancy), up to 8 x hot-plug SAS /SATA hard disks and hot-plug PCIe slots, integrated RAID controller
- LocalView display and integrated Baseboard Management Controller, new RAS features of Intel Xeon processor E7-8800 product family enable for enhanced error correction/circumvention activities with support of the Operating systems

- This comprehensive portfolio expansion will give you the opportunity to benefit from extreme scale-up performance and reliability of PRIMERGY industry standard servers in datacenter scenarios that so far had been closed for x86 servers. RX900 S2 is driving the x86 price performance benefits into to the segments of proprietary UNIX bastions.
- Linear scalability ensures for efficient growth in CPU/ Memory and I/O capacities. Irrespective of the server usage as Database, ERP, Decision Support or Virtualization system- once additional processor/memory boards are added to the system, the performance gains will equally benefit from the incremental I/O resources activated in the same step.
- This system is designed to enable for scale-up growth as necessities dictate. Due to the "glueless" system design with latest Intel QPI link architecture, all scale up performance upgrades are "inside" the RX900 S2 system. Thus scale-up with PRIMERGY RX900 S2 does not need addition of external boxes or controllers that would necessarily change and re-arrange the given infrastructure of a datacenter rack setup and thus cause unwanted additional downtimes.
- New RAS features have been built in to the Intel Xeon processor E7-8800 product family to enable advanced actions for error circumvention, assisted by the enterprise x86 operating systems. This perfectly combines with the built in High Availabilty features of the RX900 S2 platform. The result is an IT business platform that provides unprecedented operational continuity and more value for money in the high end server range.

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Technical details

PRIMERGY RX900 S2	
Base unit	PRIMERGY RX900 S2
Housing types	Rack
Storage drive architecture	8x 2.5-inch SAS/SATA/SSD
Power supply	Hot-plug
Mainboard	
Mainboard type	D 3144
Chipset	Intel® 7500 / 7510 Scalable Memory Buffer
Processor quantity and type	4, 6 or 8 x Intel® Xeon® processor E7-8800 product family
Processor	Intel® Xeon® processor E7-8830 (8C/16T, 2.13 GHz, SLC: -, TLC: 24 MB, Turbo: 0/1/1/1/2, 6.4 GT/s, 105 W) Intel® Xeon® processor E7-8837
	(8C/8T, 2.67 GHz, SLC: -, TLC: 24 MB, Turbo: 0/1/1/1/1, 6.4 GT/s, 130 W)
	Intel® Xeon® processor E7-8850 (10C/20T, 2.00 GHz, SLC: -, TLC: 24 MB, Turbo: 1/1/2/3/3, 6.4 GT/s, 130 W)
	Intel® Xeon® processor E7-8860 (10C/20T, 2.26 GHz, SLC: -, TLC: 24 MB, Turbo: 1/1/2/3/3, 6.4 GT/s, 130 W)
	Intel® Xeon® processor E7-8870 (10C/20T, 2.40 GHz, SLC: -, TLC: 30 MB, Turbo: 1/1/2/3/3, 6.4 GT/s, 130 W)
Processor notes	A mimimum of 4 processors must be configured, no mix of different processor types
Memory slots	128 (distributed on 8 CPU / Memory Riser cards with 16 memory slots each)
Memory slot type	DIMM (DDR3) registered
Memory capacity (min max.)	8 GB - 4096 GB
Memory protection	Advanced ECC Memory Scrubbing SDDC (Chipkill™) Memory Mirroring support
Memory options	16 GB (4 module(s) 4 GB) DDR3 LV, registered, ECC, 1,333 MHz, PC3-10600, DIMM, single rank
	32 GB (4 module(s) 8 GB) DDR3 LV, registered, ECC, 1,333 MHz, PC3-10600, DIMM, dual rank
	64 GB (4 module(s) 16 GB) DDR3 LV, registered, ECC, 1,600 MHz, PC3-12800, DIMM, dual rank
	128 GB (4 module(s) 32 GB) DDR3 LV, registered, ECC, 1,066 MHz, PC3-8500, DIMM, quad rank
Memory modules notes	Memory modules will be delivered in set's of 4 DIMMs per order code. Intel® 7510 Scalable Memory Buffer supports max. 1066MHz memory clock speed. Clock speed is also depending on the processor type.
Interfaces	
USB 2.0 ports	8 x USB 2.0 (3 x front, 4 x rear, 1 x internal)
Graphics (15-pin)	2 x VGA (1 x front, 1 x rear)
Serial 1 (9-pin)	1 x RS-232-C
Management LAN (RJ45)	1 x dedicated management LAN port for iRMC S2 (10/100 Mbit/s) Management LAN traffic can be switched to shared onboard Gbit LAN port
Onboard or integrated Controller	
RAID controller	8 Port SAS RAID 5/6 controller as option additional RAID controller options are described under Components RAID controller
LAN Controller	Intel® 82599 (Niantic wo/IPsec), 2×10 Gbit/s Ethernet (SFP+); $6 \times 10/100/1000$ Mbit/s Ethernet (RJ45), TCP/IP acceleration, PXE boot via LAN from PXE server, iSCSI boot (also diskless) via onboard LAN
Remote Management Controller	Integrated Remote Management Controller (iRMC S2, 32 MB attached memory incl. graphics controller) IPMI 2.0 compatible
Trusted Platform Module (TPM)	Infineon / separate module; TCG V1.2 compliant (option)

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Slots	
PCI-Express 2.0 x4 (mech. x8)	2 x Full height (all ½ length)
PCI-Express 2.0 x8	14 x Full height (all ½ length, 4x hot-plug)
Drive bays	
Storage drive bays	8 x 2.5-inch hot-plug SAS
Accessible drive bays	1 x 5.25/0.5-inch for CD-RW/DVD
General system information	
Number of fans	4
Fan configuration	hot plug
Operating panel	
Operating buttons	On/off switch NMI 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)
Service display	ServerView Local Service Display (LSD)
BIOS	
BIOS features	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

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Operating Systems and Virtualization Software Certified or supported operating VMware vSphere™ 5.1 Embedded systems and virtualization software Microsoft® Hyper-V Server 2012 R2 Microsoft® Windows Server® 2012 R2 Datacenter Microsoft® Windows Server® 2012 R2 Standard Microsoft® Hyper-V Server 2012 Microsoft® Windows Server® 2012 Datacenter Microsoft® Windows 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 Datacenter Microsoft® Windows® Server 2008 Enterprise Microsoft® Windows® Server 2008 Standard VMware vSphere™ 5.5 Embedded VMware vSphere™ 5.5 VMware vSphere™ 5.1 VMware vSphere™ 5.0 Embedded VMware vSphere™ 5.0 VMware vSphere™ 4.1 VMware vSphere™ 4.1 Embedded VMware vSphere™ 4.1 Installable SUSE® Linux Enterprise Server 12 SUSE® Linux Enterprise Server 11 SUSE® Linux Enterprise Server 10 Red Hat® Enterprise Linux 5 Red Hat® Enterprise Linux 5 with XEN Oracle® VM 3.0 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 Server Management Standard ServerView Suite - Deploy SV Installation Manager SV Scripting Toolkit ServerView Suite - Control Operations Manager incl. PDA and ASR & R (Prefailure and Analysis; Automatic Server Recovery and Restart) Agents and CIM Providers System Monitor RAID Manager Capacity Management Power Management Storage Support ServerView Suite - Maintain Remote Management (iRMC) Update Management (BIOS, Firmware, Windows Drives and SV Agents) Performance Measurement Asset Management Online Diagnostics ServerView Suite - Integrate Integration packs e.g. for Microsoft System Center, VMware vCenter, Nagios, HP SIM and others

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Deployment Solutions and others

Server Management	
Option	ServerView Suite - Maintain iRMC Advanced Pack incl. Advanced Video Redirection (AVR), video capturing and Virtual Media
	ServerView Suite - Dynamize
	Virtual-IO Manager (VIOM)
	Resource Orchestrator Virtual Edition (ROR VE)
	Resource Orchestrator Cloud Edition (ROR CE)
	ServerView Suite - Integrate Integration pack for Fujitsu ManageNow® solution
Server Management notes	Regarding dependencies for ServerView Suite software products see dedicated product data sheets.
Dimensions / Weight	-9 9
Rack (W x D x H)	482.6 x 724 x 352 mm
Mounting Depth Rack	724 mm
Height Unit Rack	8 U
19″ rackmount	Yes
Weight	max. 85 kg
Weight notes	Actual weight may vary depending on configuration
weight notes Rack integration kit	
	Rack integration kit as option
Environmental	10. 25.96
Operating ambient temperature	10 - 35 °C
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
Sound pressure (LpAm)	60 dB(A) (idle) / 60 dB(A) (operating)
Noise notes	at ambient temperature <23°C
	Noise emissions and operation modes depend on system configuration.
Electrical values	
Power supply configuration	Up to 4 hot plug power supplies.
	Base unit equipped with 2 power supplies, redundancy as option.
Max. output of single power supply	2,000 W
Power supply efficiency	92 % (80 PLUS gold)
Hot-plug power supply redundancy	Yes
Rated voltage range	200 V - 240 V
Rated frequency range	47 Hz - 63 Hz
Active power (max. configuration)	2,800 W
Heat emission	10080.0 kJ/h (9554.0 BTU/h)
Compliance	
Global	CB
	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment)
Germany	GS
, Europe	CE Class A *
USA/Canada	FCC Class A
	CSA
	UL
Japan	VCCI
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates
Compliance notes	There is general compliance with the safety requirements of all European countries and North America. National

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Components

Storage drives	SSD SATA, 6 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 400 GB, MLC, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 100 GB, MLC, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 100 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SAS, 12 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SAS, 12 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SAS, 12 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SAS, 12 Gb/s, 1.6 TB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SAS, 6 Gb/s, 400 GB, SLC, hot-plug, 2.5-inch, enterprise
	SSD SAS, 6 Gb/s, 400 GB, MLC, hot-plug, 2.5-inch, enterprise
	SSD SAS, 6 Gb/s, 200 GB, MLC, hot-plug, 2.5-inch, enterprise
	PCIe-SSD, 785 GB, MLC, Flash drive, 7.7 DWPD (drive writes per day)
	PCIe-SSD, 1.2 TB, MLC, Flash drive, 7.7 DWPD (drive writes per day)
	HDD SAS, 6 Gb/s, 900 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 600 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 500 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical
	HDD SAS, 6 Gb/s, 450 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 300 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 300 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 146 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 1.2 TB, 10,000 rpm, hot-pluq, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical
	a.
Optical drives	Blu-ray Disc™ Triple Writer, (6x BD-ROM; 8x DVD; 24x CD), slimline, SATA I
•	DVD Super Multi, (8xDVD/DVD+RW, 6xDVD-RW, 5xDVD-RAM; 24xCD/CD-R, 16xCD-RW), slimline, SATA I
SCSI / SAS Controller	SAS Ctrl. 6 Gbit/s 8 ports ext. PCle 2.0 x8
RAID Controller	RAID 5/6 Ctrl., SAS/SATA 6 Gbit/s, LSI LSI MegaRAID SAS 9286CV-8e,
	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.
Fibre Channel controller	RAID level: 0, 1, 10, 5, 50, 6, 60, 512 MB Cache, Optional BBU for selected systems (based on LSI SAS2108)
Fibre Channel controller	<u>`</u>
Fibre Channel controller	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style
Fibre Channel controller	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style
Fibre Channel controller	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Emulex LPe1250 MMF LC-style
Fibre Channel controller	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style 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 controller	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style 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 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style 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
	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style 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 Converged Network Adapter 2 x 10 Gbit/s PCle 2.0 x8 (Emulex)
	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style 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 Converged Network Adapter 2 x 10 Gbit/s PCle 2.0 x8 (Emulex) Ethernet Ctrl. 1 x 1 Gbit/s PCle x4 (Intel®)
	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2562 MMF LC-style 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 Converged Network Adapter 2 x 10 Gbit/s PCle 2.0 x8 (Emulex) Ethernet Ctrl. 1 x 1 Gbit/s PCle x4 (Intel®) Ethernet Ctrl. 2 x 10 Gbit/s PCle 2.0 x8 (Fujitsu)
	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style 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 Converged Network Adapter 2 x 10 Gbit/s PCle 2.0 x8 (Emulex) Ethernet Ctrl. 1 x 1 Gbit/s PCle x4 (Intel®) Ethernet Ctrl. 2 x 10 Gbit/s PCle 2.1 x8 (Intel®)
Communication, Network	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Emulex LPe1250 MMF LC-style 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 Converged Network Adapter 2 x 10 Gbit/s PCle 2.0 x8 (Emulex) Ethernet Ctrl. 1 x 1 Gbit/s PCle x4 (Intel®) Ethernet Ctrl. 2 x 10 Gbit/s PCle 2.0 x8 (Intel®) Ethernet Ctrl. 2 x 10 Gbit/s PCle 2.1 x8 (Intel®) Ethernet Ctrl. 2 x 1 Gbit/s PCle 2.1 x8 (Intel®)
	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Pcle 2 x 8 Gbit/s Emulex LPe1250 MMF LC-style 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 Converged Network Adapter 2 x 10 Gbit/s Pcle 2.0 x8 (Emulex) Ethernet Ctrl. 1 x 1 Gbit/s Pcle x4 (Intel®) Ethernet Ctrl. 2 x 10 Gbit/s Pcle 2.0 x8 (Fujitsu) Ethernet Ctrl. 2 x 10 Gbit/s Pcle 2.1 x4 (Fujitsu) Ethernet Ctrl. 4 x 1 Gbit/s Pcle 2.1 x4 (Fujitsu)
Communication, Network	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style 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 Converged Network Adapter 2 x 10 Gbit/s PCle 2.0 x8 (Emulex) Ethernet Ctrl. 1 x 1 Gbit/s PCle x4 (Intel®) Ethernet Ctrl. 2 x 10 Gbit/s PCle 2.0 x8 (Fujitsu) Ethernet Ctrl. 2 x 10 Gbit/s PCle 2.1 x8 (Intel®) Ethernet Ctrl. 4 x 1 Gbit/s PCle 2.1 x4 (Fujitsu) Ethernet Ctrl. 4 x 1 Gbit/s PCle 2.1 x4 (Fujitsu) InfiniBand HCA 1 x 40 Gbit/s PCle 2.0 x8 (Mellanox)
	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Pcle 2 x 8 Gbit/s Emulex LPe1250 MMF LC-style 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 Converged Network Adapter 2 x 10 Gbit/s Pcle 2.0 x8 (Emulex) Ethernet Ctrl. 1 x 1 Gbit/s Pcle x4 (Intel®) Ethernet Ctrl. 2 x 10 Gbit/s Pcle 2.0 x8 (Fujitsu) Ethernet Ctrl. 2 x 10 Gbit/s Pcle 2.1 x4 (Fujitsu) Ethernet Ctrl. 4 x 1 Gbit/s Pcle 2.1 x4 (Fujitsu)

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Warranty	
Standard Warranty	3 years
Service level	Onsite Service
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM
Maintenance and Support Services	- the perfect extension
Support Pack Options	Globally available in major business areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time 24x7, 4h Onsite Response Time
Recommended Service	24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.
Service Lifecycle	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/services/support

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More information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu PRIMERGY RX900 S2, 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/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu PRIMERGY RX900 S2, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. www.fujitsu.com/fts

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/qlobal/about/environment



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