Data Sheet
FUJITSU Server PRIMERGY RX2530 M1 Dual socket 1U rack server

Maximum productivity in a 1U housing

PRIMERGY RX2530 M1

The FUJITSU Server PRIMERGY RX2530 M1 is a rack server that provides high performance, expandability and energy efficiency in a 1U space saving housing. The PRIMERGY RX2530 M1 is ideal for virtualization, scale-out scenarios, and small databases as well as for high performance computing thanks to the high performance of the new Intel® Xeon® processor E5-2600 v3 product family with up to 18 cores and the latest DDR4 memory technology. Moreover, the RX2530 M1 delivers a great expandability by supporting up to 1536 GB of DDR4 memory up to 10 hard disk drives and optionally up to four high-speed PCIe SSDs as well as flexible DynamicLoM technology, to ensure future requirements are met and budgets are saved. The limited space of a 1U chassis offers highly efficient power supply units, their redundancy on demand and the optional Cool-safe® Advanced Thermal Design this will result in lower operational costs.

Features & Benefits

Main Features	Benefits
Versatile Performance to cope with data growth	
■ Intel® Xeon® E5-2600 v3 product family with up to 18 cores ■ Up to 1536 GB DDR4 memory (24 DIMM slots) ■ Ideal scalability of either up to 8x 2.5-inch HDD/SSD + 1x ODD or up to 10x 2.5-inch, thereof optionally up to 4x PCIe 2.5-inch SSD SFF ■ 4x PCIe Gen3 slots	■ Ready for the future and data growth scenarios with the performance of two processors – marking the standard of tomorrow with an increase in computing power ■ DDR4 memory enables for higher bandwidth and lower consumption, optimized for virtualization and clouds, small data centers and high performance computing ■ Flexible expandability and diverse options for storage devices permits for the integration of existing and new SSD and HDD as needed. Less today, more in future – or vice versa.
Increased Energy Effciency	
■ Fujitsu's Cool-safe® Advanced Thermal Design for higher ambient temperatures in the data center ■ Power supply units with 96% energy efficiency	■ Higher ambient temperatures lead to lower costs for cooling the data center ■ Highly efficient hot-plug power supplies save energy costs and make it easy to maintain the running system and ensure a 99,997% uptime
Foundation for Trust and Security	
■ Fujitsu ServerView Suite including tools for installation and deployment, permanent status monitoring and control ■ BIOS, firmware and selected software are updated free of charge	■ The comprehensive tools of the Fujitsu ServerView Suite eases the administrators life ■ Updates are very important in a fast-paced world, especially considering cyber crime
Innovations simplifying management and freeing up IT resources	
■ DynamicLoM to select the network connector of your choice - "plug&play-design" with 3 different port types, 3 different numbers of ports, and 2 different speeds and no need to upgrade to a new chip or new drivers. ■ RAID Controller embedded	■ DynamicLoM guarantees the highest flexibility to integrate the server into existing infrastructures – now and in future without overhauling the existing infrastructure ■ For cost efficient and basic RAID requirements, support for the most common configurations is conveniently embedded on the system board and does not require a dedicated controller
Extended lifecycle	
■ The PRIMERGY RX2530 M1 is available for an extended time frame. While the regular lifecycle of PRIMERGY RX servers is around two years, configurations with the „long lifecycle" option however can be ordered over five years	■ The extended availability offers planning reliability for long-term projects, integrated systems and public sector customers where a server system has to stay the same over a longer period of time

Technical details

PRIMERGY RX2530 M1			
Base unit	PRIMERGY RX2530 M1 LFF	PRIMERGY RX2530 M1 SFF	PRIMERGY RX2530 M1 SFF
Housing types	Rack	Rack	Rack
Storage drive architecture	4x 3.5-inch SAS/SATA	8x 2.5-inch SAS/SATA	10x 2.5-inch SAS/SATA/PCIe
Power supply	Hot-plug	Hot-plug	Hot-plug
Product Type	Dual Socket Rack Server	Dual Socket Rack Server	Dual Socket Rack Server
Mainboard			
Mainboard type	D3279		
Chipset	Intel® C612		
Processor quantity and type	1 - 2 x Intel® Xeon® processor E5-2600 v3 product family		
Processor	Intel® Xeon® processor E5-2699v3 (18C/36T, 2.30 GHz, up to 2.8 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2698v3 (16C/32T, 2.30 GHz, up to 2.8 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2697v3 (14C/28T, 2.60 GHz, up to 3.1 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2695v3 (14C/28T, 2.30 GHz, up to 2.8 GHz, 9.6 GT/s)		
Processor	Intel® Xeon® processor E5-2690v3 (12C/24T, 2.60 GHz, up to 3.1 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2683v3 (14C/28T, 2.00 GHz, up to 2.5 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2680v3 (12C/24T, 2.50 GHz, up to 2.9 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2670v3 (12C/24T, 2.30 GHz, up to 2.6 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2667v3 (8C/16T, 3.20 GHz, up to 3.4 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2660v3 (10C/20T, 2.60 GHz, up to 2.9 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2650v3 (10C/20T, 2.30 GHz, up to 2.6 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2650Lv3 (12C/24T, 1.80 GHz, up to 2.1 GHz, 9.6 GT/s)		
Processor	Intel® Xeon® processor E5-2643v3 (6C/12T, 3.40 GHz, up to 3.6 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2640v3 (8C/16T, 2.60 GHz, up to 2.8 GHz, 8.0 GT/s)		
	Intel® Xeon® processor E5-2637v3 (4C/8T, 3.50 GHz, up to 3.6 GHz, 9.6 GT/s)		
	Intel® Xeon® processor E5-2630v3 (8C/16T, 2.40 GHz, up to 2.6 GHz, 8.0 GT/s)		
	Intel® Xeon® processor E5-2630Lv3 (8C/16T, 1.80 GHz, up to 2.1 GHz, 8.0 GT/s)		
	Intel® Xeon® processor E5-2623v3 (4C/8T, 3.00 GHz, up to 3.3 GHz, 8.0 GT/s)		
	Intel® Xeon® processor E5-2620v3 (6C/12T, 2.40 GHz, up to 2.6 GHz, 8.0 GT/s)		
	Intel® Xeon® processor E5-2609v3 (6C/6T, 1.90 GHz, 6.4 GT/s)		
	Intel® Xeon® processor E5-2603v3 (6C/6T, 1.60 GHz, 6.4 GT/s)		
Memory slots	24 (12 DIMMs per CPU, 4 channels with 3 slots per channel)		
Memory slot type	DIMM (DDR4)		
Memory capacity (min. - max.)	8 GB - 1.536 GB		
Memory protection	Advanced ECC Memory Scrubbing SDDC Rank sparing memory support Memory Mirroring support		
Memory notes	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).		
	8 GB (1 8 GB) DDR4, registered, ECC, 2,133 MT/s, PC4-2133R, DIMM, 1Rx4		
	8 GB (1 8 GB) DDR4, registered, ECC, 2,133 MT/s, PC4-2133R, DIMM, 2Rx8		
Standard memory modules	16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,133 MT/s, PC4-2133R, DIMM, 2Rx4		
	32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,133 MT/s, PC4-2133P, LRDIMM, 4Rx4		
	32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,133 MT/s, PC4-2133R, DIMM, 2Rx4		
	64 GB (1 64 GB) DDR4, registered, ECC, 2,133 MT/s, PC4-2133P, LRDIMM, 4Rx4		

Interfaces			
USB 2.0 ports	1 x USB 2.0 (1x rear)		
USB 3.0 ports	5 x USB 3.0 (2x front, 2x rear, 1x internal) - for base unit with 10x 2.5" drives 1x USB2.0 at front only		
Graphics (15-pin)	2 x VGA (thereof 1x front optional - not for base unit with 10x 2.5" drives)		
Serial 1 (9-pin)	1 x optional (occupies PCIe slot)		
Management LAN (RJ45)	1 x dedicated management LAN port for iRMC S4 (10/100/1000 Mbit/s) Management LAN traffic can be switched to shared onboard LAN controller port, speed and connector is related to installed interface card.		
Onboard or integrated Controller			
RAID controller	All hardware storage controller options are described under Components		
SATA Controller	Intel® C612, 1 x SATA channel for ODD		
LAN Controller	DynamicLoM based on Emulex XE100 series 2 x 1 Gbit/s Dynamic LoM 4 x 1 Gbit/s Dynamic LoM 2 x 10 Gbit/s 10GBASE-T Dynamic LoM 2 x 10 Gbit/s SFP+ Dynamic LoM All supported features are described in relevant system configurator. PXE-Boot via LAN from PXE server, iSCSI / FCoE boot (also diskless). Extra LAN controller(PCIe Cards) are listed below. (i210 LAN card via project release possible)		
Remote management controller	Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible		
Onboard controller notes	Onboard 8x S-ATA 6Gbit/s RAID Controller (RAID 0,1) for up to 8x S-ATA drives available.		
Trusted Platform Module (TPM)	Infineon / TPM 1.2 module; TCG compliant (option)		
Slots			
PCI-Express 3.0 x8	2 x Low profile		
PCI-Express 3.0 x16	2 x Low profile (2nd processor required for slot 4); 1x16 if fh slot selected		
Slot Notes	Slot 1 (internal): PCIe Gen3 x8 @CPU1 is dedicated for the modular RAID Controller. Slot 2: PCIe Gen3 x8 @CPU1 for low profile cards with up to 167mm length Slot 3: PCIe Gen3 x16 @CPU1 for low profile cards with up to 167mm length Slot 4 standard: PCIe Gen3 x16 @CPU2 for low profile cards with up to 167mm length Slot 4 option: PCIe Gen3 x16 @CPU2 for full height cards with up to 167mm length (!in this case, slot 3 is not available)		
Drive bays (Base unit specific)			
Storage drive bays	up to 8 x 2.5-inch, 10 x 2.5-inch or 4 x 3.5-inch baseunit		
Accessible drive bays	1 x 5.25/0.4-inch for CD-RW/DVD		
Notes accessible drives	Not for 10 x 2.5-inch base unit. All possible options described in relevant system configurator.		
Drive bays (Base unit specific)			
Storage drive bays	up to 4x 3.5" (LFF) hot plug drives (SAS/SATA)	up to 4x 2.5" (SFF) hot plug drives (SAS/SATA); option for upgrade to 8x 2.5" (SFF) hot plug drives	up to 10x 2.5" (SFF) hot plug drives (SAS/SATA); therein up to 4x bays are prepared for 2.5" PCIe Flash SSD.
Optional accessible drives	Ultra slim 9.5mm optical drive (optional)	Ultra slim 9.5mm optical drive (optional)	-o-
Fan Configuration			
Number of fans	8		
Fan configuration	redundant / hot-plug		
Fan notes	3+1 double-fans for 1 CPU configuration; 7+1 double-fans for 2 CPU configuration		
Operating panel			
Operating buttons	On/off switch Reset button NMI button ID button		

Operating panel

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

BIOS

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

Operating Systems and Virtualization Software

Certified or supported operating systems and virtualization software	Hyper-V Server 2012 R2
	Windows Server 2012 R2 Datacenter
	Windows Server 2012 R2 Standard
	Windows Server 2012 R2 Essentials
	Windows Storage Server 2012 R2 Standard
	Hyper-V Server 2012
	Windows Server 2012 Datacenter
	Windows Server 2012 Standard
	Windows Server 2012 Essentials
	Windows Storage Server 2012 Standard
	Windows Server 2008 R2 Datacenter
	Windows Server 2008 R2 Enterprise
	Windows Server 2008 R2 Standard
	VMware vSphere™ 6.5
	VMware vSphere™ 6.0
	VMware vSphere™ 5.5
	VMware vSphere™ 5.1 Embedded
	VMware vSphere™ 5.1
	SUSE® Linux Enterprise Server 12
	SUSE® Linux Enterprise Server 11
	Red Hat® Enterprise Linux 7
	Red Hat® Enterprise Linux 6
	Citrix® XenServer®
	Oracle® Linux 7
	Oracle® Linux 6
	Oracle® VM 3
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	
Option	ServerView embedded Lifecycle Management (eLCM) Lifecycle management ServerView Suite - Maintain iRMC Advanced Pack incl. Advanced Video Redirection (AVR), video capturing and Virtual Media ServerView Suite - Dynamize Virtual-IO Manager (VIOM)
Server Management notes	Regarding dependencies for ServerView Suite software products see dedicated product data sheets.
Dimensions / Weight	
Rack (W x D x H)	483 mm (Bezel) / 435mm (Body) x 770.7 x 43 mm
Mounting Depth Rack	748.2 mm
Height Unit Rack	1 U
19" rackmount	Yes
Mounting Cable depth rack	200 mm (1,000 mm Rack recommended)
Weight	up to 16 kg
Weight notes	Actual weight may vary depending on configuration
Rack integration kit	Rack integration kit as option
Environment	
Operating ambient temperature	5 - 40 °C (41 - 104 °F)
Operating temperature note	Cool-safe® Advanced Thermal Design (above 35 °C or below 10 °C) depending on configuration. For detailed information see relevant system configurator.
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=589915e9-1bf8-40f7-8ba4-7cac9371f2f0
Noise emission	Measured according to ISO 7779 and declared according to ISO 9296
Sound pressure (LpAm)	Noise minimum configuration: 35 dB(A) (idle) / 44 dB(A) (operating) Noise typical configuration: 35 dB(A) (idle) / 44 dB(A) (operating)
Sound power (LWAd; 1B = 10dB)	Noise minimum configuration: 5.2 B (idle) / 6.2 B (operating) Noise typical configuration: 5.2 B (idle) / 6.2 B (operating)
Noise notes	Noise emissions depends on operation modes, system configuration and ambient temperature. Operating mode measured based on OLTIS with 50% load. *OLTIS = FUJITSU Load Profile which stresses all components of a server with a given load level.
Electrical values	
Power supply configuration	1 x hot-plug power supply or 2 x hot-plug power supply for redundancy
Hot-plug power supply redundancy	Optional
Active power (max. configuration)	816 W
Apparent power (max. configuration)	825 VA
Heat emission (max. configuration)	2937.6 kJ/h (2784.3 BTU/h)
Rated current max.	8.5 A (100 V) / 3.5 A (240 V)
Active power note	To estimate the power consumption of different configurations use the Power Calculator of the System Architect: http://configurator.ts.fujitsu.com/public/
Power supply	450W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 800W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 800W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz
Power supply notes	Power Safeguard adapts system performance in case the power requirements exceeds supply limits. !96% Titanium Power supply unit is only released for 200-240V
Compliance	
Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment)
Europe	CE
USA/Canada	CSAc/us ICES-003 / NMB-003 Class A FCC Class A

Compliance	
Japan	VCCI:V3 Class A + JIS 61000-3-2
South Korea	KC (planned)
China	CCC (planned)
Australia/New Zealand	C-Tick (planned)
Taiwan	CNS 13438 class A - planned
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

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
	HDD SATA, 6 Gb/s, 250 GB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
Hard disk drives	HDD SATA, 6 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 4 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 3 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
Hard disk drives	HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
Hard disk drives	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical

Hard disk drives	HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 450 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 4 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 2 TB , 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 2 TB , 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
	HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
	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, 300 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 4 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
	HDD SAS, 6 Gb/s, 3 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
Hard disk drives	HDD SAS, 6 Gb/s, 2 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
	HDD SAS, 6 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
	HDD SAS, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical
Solid-State-Drive	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 800 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
Solid-State-Drive	SSD SATA, 6 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 800 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
Solid-State-Drive	SSD SATA, 6 Gb/s, 480 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SATA, 6 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, hot-plug, 3.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)

Solid-State-Drive	SSD SATA, 6 Gb/s, 240 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SATA, 6 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 120 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 120 GB, Read-Intensive Endurance, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
Solid-State-Drive	SSD SATA, 6 Gb/s, 120 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 120 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SAS, 12 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
	SSD SAS, 12 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
	SSD SAS, 12 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
	SSD SAS, 12 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
PCIe SSD & SATA DOM SSD	PCIe-SSD SFF, 800 GB, MLC, 2.5-inch, Flash drive, 10 DWPD (drive writes per day for 5 years)
	PCIe-SSD SFF, 2 TB, MLC, 2.5-inch, Flash drive, 10 DWPD (drive writes per day for 5 years)
	PCIe-SSD SFF, 1.6 TB, MLC, 2.5-inch, Flash drive, 10 DWPD (drive writes per day for 5 years)
	PCIe-SSD AIC, 5.2 TB, MLC, Standard Height, Half-Length, Flash drive, 6.7 DWPD (drive writes per day for 5 years)
	PCIe-SSD AIC, 2.6 TB, MLC, Low Profile, Flash drive, 6.7 DWPD (drive writes per day for 5 years)
	PCIe-SSD AIC, 1.3 TB, MLC, Low Profile, Flash drive, 6.7 DWPD (drive writes per day for 5 years)
PCIe SSD & SATA DOM SSD	DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 0.054 DWPD (drive writes per day for 5 years)
	DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 384 TBW (based on JEDEC 218)
PCIe SSD & SATA DOM SSD	DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 0.054 DWPD (drive writes per day for 5 years)
SCSI / SAS Controller	LSI PSAS CP400e LP SAS Ctrl. 12 Gbit/s 8 ports ext. PCIe 3.0 x8
	Fujitsu PSAS CP400i SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8
RAID Controller	Fujitsu PRAID EP420i, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108
	Fujitsu PRAID EP400i, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 1 GB, Optional FBU based on LSI SAS3108
	Fujitsu PRAID CP400i, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 1E, 10, 5, 50, No FBU support
Fibre Channel controller	Fibre Channel Host Bus Adapter 1 x 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 16 Gbit/s Qlogic QLE2670 LC-style
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2672 LC-style
	Converged Network Adapter 1 x 40 Gbit/s PCIe 3.0 x8 QSFP+ (Emulex)
Communication, Network	Converged Network Adapter 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)
	Converged Network Adapter 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)

Communication, Network	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.0 x8 SFP+ (Fujitsu)
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.1 x8 RJ45 (Intel®)
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 10Gbit/s Eth (RJ45) (Emulex)
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)
	Ethernet Ctrl. 2 x 1 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)
	Ethernet Ctrl. 4 x 1 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)
	InfiniBand HCA 1 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed (Mellanox)
	InfiniBand HCA 1 x 40 Gbit/s PCIe 2.0 x8 QSFP (Intel®)
	InfiniBand HCA 1 x 40 Gbit/s PCIe 3.0 x8 QSFP (Mellanox)
	InfiniBand HCA 1 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed (Mellanox)
	InfiniBand HCA 2 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed (Mellanox)
	InfiniBand HCA 2 x 40 Gbit/s PCIe 3.0 x8 QSFP (Mellanox)
	InfiniBand HCA 2 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed (Mellanox)
	Interface modul for Dynamic LoM 2 x 10 Gbit/s RJ45 (Emulex)
Communication, Network	Interface modul for Dynamic LoM 2 x 10 Gbit/s SFP+ (Emulex)
	Interface modul for Dynamic LoM 2 x 1 Gbit/s RJ45 (Emulex)
	Interface modul for Dynamic LoM 4 x 1 Gbit/s RJ45 (Emulex)
Rack infrastructure	Rackmount kit full extraction (815mm), tool less mounting, length variable 559-914mm
	Rackmount kit full extraction (815mm), tool less mounting, length variable 559-914mm
	Cable Management 1U for PRIMECENTER- and 3rd-party racks

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

More information

Fujitsu platform solutions

In addition to Fujitsu PRIMERGY RX2530 M1, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

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More information

Learn more about Fujitsu PRIMERGY RX2530 M1, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://www.fujitsu.com/global/products/computing/servers/primergy/rack/rx2530m1/

Fujitsu green policy innovation

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