

# Data Sheet

## Fujitsu PRIMERGY RX2530 M2 Server

Maximum productivity in a 1U housing

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### PRIMERGY RX2530 M2

The FUJITSU Server PRIMERGY RX2530 M2 is a rack server that provides high performance, expandability and energy efficiency in a 1U space saving housing. The PRIMERGY RX2530 M2 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 v4 product family with up to 22 cores and the latest DDR4 memory technology. Moreover, the RX2530 M2 delivers a great expandability by supporting up to 3TB 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 for an ambient operating temperature of up to 40°C/104°F, optionally even up to 45°C/113°F. This will result in lower operational costs.



# Features & Benefits

Main Features	Benefits
<p><b>Versatile Performance to cope with data growth</b></p> <ul style="list-style-type: none"> <li>■ Intel® Xeon® E5-2600 v4 product family with up to 22 cores</li> <li>■ Up to 3TB DDR4 memory (24 DIMM slots)</li> <li>■ 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</li> <li>■ 4x PCIe Gen3 slots</li> </ul> <p><b>Increased Energy Efficiency</b></p> <ul style="list-style-type: none"> <li>■ Fujitsu's Cool-safe® Advanced Thermal Design for higher ambient temperatures in the data center</li> <li>■ Power supply units with 96% energy efficiency</li> </ul> <p><b>Foundation for Trust and Security</b></p> <ul style="list-style-type: none"> <li>■ Fujitsu ServerView Suite including tools for installation and deployment, permanent status monitoring and control</li> <li>■ BIOS, firmware and selected software are updated free of charge</li> </ul> <p><b>Innovations simplifying management and freeing up IT resources</b></p> <ul style="list-style-type: none"> <li>■ DynamicLoM to select the network connector of your choice - "plug&amp;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.</li> <li>■ RAID Controller embedded</li> </ul>	<ul style="list-style-type: none"> <li>■ 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</li> <li>■ DDR4 memory enables for higher bandwidth and lower consumption, optimized for virtualization and clouds, small data centers and high performance computing</li> <li>■ 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.</li> <li>■ Higher ambient temperatures lead to lower costs for cooling the data center</li> <li>■ Highly efficient hot-plug power supplies save energy costs and make it easy to maintain the running system and ensure a 99,997% uptime</li> <li>■ The comprehensive tools of the Fujitsu ServerView Suite eases the administrators life</li> <li>■ Updates are very important in a fast-paced world, especially considering cyber crime</li> <li>■ DynamicLoM guarantees the highest flexibility to integrate the server into existing infrastructures – now and in future without overhauling the existing infrastructure</li> <li>■ 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</li> </ul>

# Technical details

## PRIMERGY RX2530 M2

Base unit	PRIMERGY RX2530 M2 LFF	PRIMERGY RX2530 M2 SFF	PRIMERGY RX2530 M2 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-B
Chipset	Intel® C612
Processor quantity and type	1 - 2 x Intel® Xeon® processor E5-2600 v4 product family

## Processor

Intel® Xeon® processor E5-2699v4 (22C/44T, 2.20 GHz, up to 2.8 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2699Av4 (22C/44T, 2.40 GHz, up to 3.0 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2698v4 (20C/40T, 2.20 GHz, up to 2.7 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2697v4 (18C/36T, 2.30 GHz, up to 2.8 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2697Av4 (16C/32T, 2.60 GHz, up to 3.1 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2695v4 (18C/36T, 2.10 GHz, up to 2.6 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2690v4 (14C/28T, 2.60 GHz, up to 3.2 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2683v4 (16C/32T, 2.10 GHz, up to 2.6 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2680v4 (14C/28T, 2.40 GHz, up to 2.9 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2667v4 (8C/16T, 3.20 GHz, up to 3.5 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2660v4 (14C/28T, 2.00 GHz, up to 2.4 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2650v4 (12C/24T, 2.20 GHz, up to 2.5 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2650Lv4 (14C/28T, 1.70 GHz, up to 2.0 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2643v4 (6C/12T, 3.40 GHz, up to 3.6 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2640v4 (10C/20T, 2.40 GHz, up to 2.6 GHz, 8.0 GT/s)
Intel® Xeon® processor E5-2637v4 (4C/8T, 3.50 GHz, up to 3.6 GHz, 9.6 GT/s)
Intel® Xeon® processor E5-2630v4 (10C/20T, 2.20 GHz, up to 2.4 GHz, 8.0 GT/s)
Intel® Xeon® processor E5-2630Lv4 (10C/20T, 1.80 GHz, up to 2.0 GHz, 8.0 GT/s)
Intel® Xeon® processor E5-2623v4 (4C/8T, 2.60 GHz, up to 2.9 GHz, 8.0 GT/s)
Intel® Xeon® processor E5-2620v4 (8C/16T, 2.10 GHz, up to 2.3 GHz, 8.0 GT/s)
Intel® Xeon® processor E5-2609v4 (8C/8T, 1.70 GHz, 6.4 GT/s)
Intel® Xeon® processor E5-2603v4 (6C/6T, 1.70 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 - 3.072 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 8GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx8

<b>Standard memory modules</b>	8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 1Rx4		
	16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 1Rx4		
	16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx4		
	16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx8		
	32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-L, LRDIMM, 4Rx4		
	32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx4		
	64 GB (1 64 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-L, LRDIMM, 4Rx4		
<b>Standard memory modules</b>	64 GB (1 module(s) 64 GB) DDR4 3DS, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 4Rx4		
	128 GB (1 module(s) 128 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-L, LRDIMM, 8Rx4		
<b>Interfaces</b>			
<b>USB 2.0 ports</b>	2 x USB 2.0 (1x rear, 1x UFM internal boot device)		
<b>USB 3.0 ports</b>	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		
<b>Graphics (15-pin)</b>	2 x VGA (thereof 1x front optional - not for base unit with 10x 2.5" drives)		
<b>Serial 1 (9-pin)</b>	1 x optional (occupies PCIe slot)		
<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 LAN controller port, speed and connector is related to installed interface card.		
<b>Onboard or integrated Controller</b>			
<b>RAID controller</b>	All hardware storage controller options are described under Components		
<b>SATA Controller</b>	Intel® C612, 1 x SATA channel for ODD		
<b>LAN Controller</b>	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)		
<b>Remote management controller</b>	Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible		
<b>Onboard controller notes</b>	Onboard 8x S-ATA 6Gbit/s RAID Controller (RAID 0,1) for up to 8x S-ATA drives available.		
<b>Trusted Platform Module (TPM)</b>	Infineon / TPM 1.2 or TPM 2.0 module; TCG compliant (option)		
<b>Slots</b>			
<b>PCI-Express 3.0 x8</b>	2 x Low profile		
<b>PCI-Express 3.0 x16</b>	2 x Low profile (2nd processor required for slot 4); 1x16 if fh slot selected		
<b>Slot Notes</b>	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)		
<b>Drive bays (Base unit specific)</b>			
<b>Storage drive bays</b>	up to 8 x 2.5-inch, 10 x 2.5-inch or 4 x 3.5-inch baseunit		
<b>Accessible drive bays</b>	1 x 5.25/0.4-inch for CD-RW/DVD		
<b>Notes accessible drives</b>	Not for 10 x 2.5-inch base unit. All possible options described in relevant system configurator.		
<b>Drive bays (Base unit specific)</b>			
<b>Storage drive bays</b>	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.
<b>Optional accessible drives</b>	Ultra slim 9.5mm optical drive (optional)	Ultra slim 9.5mm optical drive (optional)	-o-
<b>General system information</b>			
<b>Number of fans</b>	8		

**General system information**

<b>Fan configuration</b>	redundant / hot-plug
<b>Fan notes</b>	3+1 double-fans for 1 CPU configuration; 7+1 double-fans for 2 CPU configuration

**Operating panel**

<b>Operating buttons</b>	On/off switch Reset button NMI button ID button
<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>	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
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### Operating Systems and Virtualization Software

<b>Certified or supported operating systems and virtualization software</b>	Hyper-V Server 2016
	Windows Server 2016 Datacenter
	Windows Server 2016 Standard
	Windows Server 2016 Essentials
	Windows Storage Server 2016 Standard
	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
	Hyper-V™ Server 2008 R2
	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
	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	
Univention Corporate Server 4	
<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>
<b>Operating system notes</b>	Support of other Linux derivatives on demand

### Server Management

<b>Option</b>	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)
<b>Server Management notes</b>	Regarding dependencies for ServerView Suite software products see dedicated product data sheets.

### Dimensions / Weight

<b>Rack (W x D x H)</b>	483 mm (Bezel) / 435mm (Body) x 770.7 x 43 mm
<b>Mounting Depth Rack</b>	748.2 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 16 kg
<b>Weight notes</b>	Actual weight may vary depending on configuration
<b>Rack integration kit</b>	Rack integration kit as option

<b>Environment</b>	
Operating ambient temperature	5 - 45 °C (41 - 113 °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	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=589915e9-1bf8-40f7-8ba4-7cac9371f2f0">http://docs.ts.fujitsu.com/dl.aspx?id=589915e9-1bf8-40f7-8ba4-7cac9371f2f0</a>
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.
<b>Electrical values</b>	
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: <a href="http://configurator.ts.fujitsu.com/public/">http://configurator.ts.fujitsu.com/public/</a>
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 800W hot-plug, 92% (equivalent to Gold efficiency) –48V DC
Power supply notes	Power Safeguard adapts system performance in case the power requirements exceeds supply limits. !96% Titanium Power supply unit is only released for 200-240V
<b>Compliance</b>	
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
Japan	VCCI:V3 Class A + JIS 61000-3-2
South Korea	KN32 KN35
China	CCC (planned)
Australia/New Zealand	C-Tick (planned)
Taiwan	CNS 13438 class A - planned
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>
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

<b>Optical drives</b>	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
<b>Hard disk drives</b>	HDD SATA, 6 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical HDD SATA, 6 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical HDD SATA, 6 Gb/s, 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, 2 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, 2.5-inch, business critical HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
<b>Hard disk drives</b>	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, 600 GB , 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED 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, 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, SED
<b>Hard disk drives</b>	HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 3.5-inch, enterprise HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise HDD SAS, 12 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
<b>Hard disk drives</b>	HDD SAS, 12 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical HDD SAS, 12 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED 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, 512n, hot-plug, 2.5-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, SED 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, 1.2 TB , 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical HDD SAS, 6 Gb/s, 4 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical HDD SAS, 6 Gb/s, 2 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical HDD SAS, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical



	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
<b>Solid-State-Drive</b>	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)
<b>Solid-State-Drive</b>	SSD SATA, 6 Gb/s, 800 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 800 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
<b>Solid-State-Drive</b>	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
	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 SATA, 6 Gb/s, 1.6 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 1.6 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
<b>Solid-State-Drive</b>	SSD SATA, 6 Gb/s, 1.2 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 1.2 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
<b>Solid-State-Drive</b>	SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
	SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
	SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 400 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 400 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 2.3 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 2.3 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 3.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
	SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
<b>PCIe SSD &amp; SATA DOM SSD</b>	DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 0.13 DWPD (Drive Writes Per Day for 5 years)
	DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 0.14 DWPD (Drive Writes Per Day for 5 years)

<b>SCSI / SAS Controller</b>	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
<b>RAID Controller</b>	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 EP420i for SafeStore, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108 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
<b>Fibre Channel controller</b>	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 32 Gbit/s Cavium QLE2740 MMF LC-style Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Cavium QLE2742 MMF LC-style Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Emulex LPe32000-M6-F MMF LC-style Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPe32002-M6-F 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 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
<b>Communication, Network</b>	Converged Network Adapter 1 x 40 Gbit/s PCIe 3.0 x8 QSFP+ ( Emulex ) 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 )
<b>Communication, Network</b>	Ethernet Ctrl. 1 x 1 Gbit/s PCIe 2.1 x1 RJ45 ( Intel® ) Ethernet Ctrl. 2 x 10 Gbit/s ; 1 Gbit/s PCIe 3.0 x8 RJ45 ( Intel® ) Ethernet Ctrl. 2 x 10 Gbit/s#25 Gbit/s PCIe 3.0 x8 SFP28 ( Cavium )
<b>Communication, Network</b>	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 10 Gbit/s PCIe 3.0 x8 SFP+ ( Intel® ) 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 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 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed ( Mellanox )
<b>Communication, Network</b>	Interface modul for Dynamic LoM 2 x 10 Gbit/s RJ45 ( Emulex ) Interface modul for Dynamic LoM 2 x 10 Gbit/s RJ45 ( Emulex ) 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 ) Omni Path 1 x PCIe 3.0 x16 ( Intel® )

<b>Rack infrastructure</b>	Rackmount kit full extraction (815mm), tool less mounting, length variable 559-914mm Rackmount kit full extraction (815mm), tool less mounting, length variable 559-914mm Rackmount kit tool less mounting Cable Management 1U for PRIMECENTER- and 3rd-party racks
<b>Warranty</b>	
<b>Warranty period</b>	3 years
<b>Warranty type</b>	Onsite warranty
<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>Product 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 (depending on country) 24x7, 4h Onsite Response Time (depending on country)
<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>Spare Parts availability</b>	5 years
<b>Service Weblink</b>	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>

# More information

## Fujitsu platform solutions

In addition to Fujitsu PRIMERGY RX2530 M2, 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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### Software

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

## More information

Learn more about Fujitsu PRIMERGY RX2530 M2, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

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## Fujitsu green policy innovation

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