

# Data Sheet

## FUJITSU Server PRIMERGY RX1330 M1 rack server

Small in size and low in cost – rich in optional features

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-in-class performance and energy efficiency, and thus form the “standard” in each data center. PRIMERGY RX servers deliver 20 years of development and production know-how resulting in extremely low failure rates below market average, and lead to continuous operations and outstanding hardware availability.

### PRIMERGY RX1330 M1

The FUJITSU Server PRIMERGY RX1330 M1 is a mono-socket rack server designed to provide a solution for small budgets, yet enabling a rich set of optional expansions to best meet individual demands. Its usage patterns cover file, infrastructure and communication applications by delivering up to 32 GB RAM, up to 3 PCIe slots and up to 10 hard disk drives. Moreover, this 1U server allows for diverse individual configurations with optional features, such as hot-plug power supply units, redundant fans, RAID controller and support for pGFX integrated server graphics for fast media processing. By delivering high energy efficiency and operation in higher ambient temperature thanks to optional Cool-safe® Advanced thermal Design, the PRIMERGY RX1330 M1 also contributes to very low operational costs. ServerView™ suite

and remote management features (iRMC S4) simplify the administration.



# Features & Benefits

Main Features	Benefits
<p><b>Low in costs</b></p> <ul style="list-style-type: none"> <li>■ High energy efficient</li> <li>■ Fujitsu ServerView™ suite and onboard remote management features (iRMC S4) enables centralized management</li> <li>■ Cool-safe® Advanced Thermal Design enables operation in a higher ambient temperature</li> </ul> <p><b>Flexible foundation for infrastructure tasks</b></p> <ul style="list-style-type: none"> <li>■ Intel Xeon processor E3-1200 v3 and up to 32 GB RAM, up to 3 PCIe slots and up to 10 storage drives</li> <li>■ Free choice: Up to 4x 3.5-inch or up to 10x 2.5-inch storage drives</li> <li>■ Optional pGFX Server Graphics</li> </ul> <p><b>Rich set of optional features</b></p> <ul style="list-style-type: none"> <li>■ Choice of Intel Xeon E3 v3, Core i3, Celeron and Pentium processors</li> <li>■ Modular RAID controllers</li> <li>■ Redundant fans</li> <li>■ Hot-plug and redundant power supply (PSU) with 80 PLUS platinum energy efficiency (94 %)</li> <li>■ Full-height PCIe slot</li> </ul> <p><b>Integrated UPS - Easy &amp; reliable</b></p> <ul style="list-style-type: none"> <li>■ The Fujitsu FJBU internal battery backup is an alternative for classical UPS devices</li> <li>■ Compact battery unit that fits into modular PSU slot</li> <li>■ Ni-MH battery allows for a very long life time (5 years)</li> <li>■ Full integration into server management environment</li> </ul>	<ul style="list-style-type: none"> <li>■ Clear reduction in energy costs</li> <li>■ Comprehensive and simplified management reduce time for standard administration tasks</li> <li>■ Each additional degree means approximately 5-6 percent less energy costs for air-conditioning</li> </ul> <ul style="list-style-type: none"> <li>■ Cost-optimized foundation for file, infrastructure and communication applications</li> <li>■ Flexible to meet the individual demand</li> <li>■ Huge storage capacity fulfills requirements of storage demanding application or services</li> <li>■ Unprecedented media transcoding performance</li> </ul> <ul style="list-style-type: none"> <li>■ Perfectly meet the performance requirements with available budget</li> <li>■ Match redundancy requirements with available budget</li> </ul> <ul style="list-style-type: none"> <li>■ Keeps the server running during short blackouts or voltage fluctuations and enables a graceful shutdown</li> <li>■ Same life time as the server – no maintenance necessary</li> <li>■ Easy and clean setup: no cabling, no separate device</li> </ul>

# Technical details

## PRIMERGY RX1330 M1

Base unit	RX1330 M1 LFF	RX1330 M1 LFF	RX1330 M1 SFF	RX1330 M1 SFF	RX1330 M1 SFF 10xSFF
Housing types	Rack	Rack	Rack	Rack	Rack
Storage drive architecture	3.5-inch SAS/SATA	3.5-inch SAS/SATA	2.5-inch SAS/SATA	2.5-inch SAS/SATA	2.5-inch SAS/SATA
Power supply	Standard	Hot-plug	Standard	Hot-plug	Hot-plug
Product Type	Mono Socket Rack Server	Mono Socket Rack Server	Mono Socket Rack Server	Mono Socket Rack Server	Mono Socket Rack Server

## Mainboard

Mainboard type	D3229
Chipset	Intel® C226
Processor quantity and type	1 x Intel® Xeon® processor E3-1200 v3 product family-based platform / Intel® Core™ i3 processor / Intel® Pentium® processor / Intel® Celeron® processor

Processor	Intel® Celeron® processor G1820 (2C/2T, 2.70 GHz, TLC: 2 MB, Turbo: No, Mem bus: 1,333 MHz, 54 W)
	Intel® Core™ i3-4330 processor (2C/4T, 3.50 GHz, TLC: 4 MB, Turbo: No, Mem bus: 1,600 MHz, 54 W)
	Intel® Pentium® processor G3420 (2C/2T, 3.20 GHz, TLC: 3 MB, Turbo: No, Mem bus: 1,600 MHz, 54 W)
	Intel® Xeon® processor E3-1220v3 (4C/4T, 3.10 GHz, TLC: 8 MB, Turbo: 3.30 GHz, Mem bus: 1,600 MHz, 80 W)
	Intel® Xeon® processor E3-1231v3 (4C/8T, 3.40 GHz, TLC: 8 MB, Turbo: 3.60 GHz, Mem bus: 1,600 MHz, 80 W)
	Intel® Xeon® processor E3-1240Lv3 (4C/8T, 2.00 GHz, TLC: 8 MB, Turbo: 2.80 GHz, Mem bus: 1,600 MHz, 25 W)
	Intel® Xeon® processor E3-1241v3 (4C/8T, 3.50 GHz, TLC: 8 MB, Turbo: 3.70 GHz, Mem bus: 1,600 MHz, 80 W)
	Intel® Xeon® processor E3-1271v3 (4C/8T, 3.60 GHz, TLC: 8 MB, Turbo: 3.80 GHz, Mem bus: 1,600 MHz, 80 W)
	Intel® Xeon® processor E3-1275Lv3 (4C/8T, 2.70 GHz, TLC: 8 MB, Turbo: 3.30 GHz, Mem bus: 1,600 MHz, 45 W)
	Intel® Xeon® processor E3-1281v3 (4C/8T, 3.70 GHz, TLC: 8 MB, Turbo: 3.90 GHz, Mem bus: 1,600 MHz, 82 W)

Memory slots	4 (2 banks with 2 DIMMs each)
Memory slot type	DIMM (DDR3) UDIMM
Memory capacity (min. - max.)	2 GB - 32 GB
Memory protection	ECC
Memory notes	Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same.

Memory options	4 GB (1 module(s) 4 GB) DDR3, unbuffered, ECC, 1,600 MHz, PC3-12800, DIMM, single rank
	8 GB (1 module(s) 8 GB) DDR3, unbuffered, ECC, 1,600 MHz, PC3-12800, DIMM, dual rank

<b>Interfaces</b>	
USB 2.0 ports	4 x (2x rear, 2x internal) (10x SFF base unit: 1x front, 2x rear, 2x internal)
USB 3.0 ports	4 x (2x front, 2x rear) (10x SFF base unit: 2x rear)
Graphics (15-pin)	1 x VGA (15-pin) / optional 1 x front VGA (not for 10x 2,5" HDD base unit)
Serial connection	1 x serial RS-232-C, usable for iRMC S4 or system or shared
LAN / Ethernet (RJ-45)	2 x Gbit/s Ethernet
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 Gbit LAN port

<b>Onboard or integrated Controller</b>	
RAID controller	Integrated RAID 0/1 or RAID 5/6 controller (option) additional RAID controller options are described under Components RAID controller
SATA Controller	Intel® C226, 1 port used for accessible drive 4 port for internal SATA HDDs with RAID 0, 1, 10 for Windows and Linux;
LAN Controller	Intel® i210 onboard. 2 x 10/100/1000 Mbit/s Ethernet (TCP/IP acceleration). iSCSI, PXE-Boot and WoL are supported
Remote management controller	Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible
Trusted Platform Module (TPM)	Infineon / TPM 1.2 module; TCG compliant (option)

**Onboard or integrated Controller (Base unit specific)**

RAID controller	4 port SATA with RAID 0/1/10 for HDDs	4 port SATA with RAID 0/1/10 for HDDs
SATA Controller	4-port SATA 6Gb with RAID 0, 1, 10	4-port SATA 3GB with RAID 0, 1, 10
SATA controller type notes	for hot-plug SATA hard disks	for hot-plug SATA hard disks

**Slots**

PCI-Express 3.0 x8	2 x Low profile Length 175mm; PCIe slot#1 = dedicated Modular RAID slot
PCI-Express 2.0 x4 (mech. x8)	1 x Low profile
Slot Notes	Optional support of 1x full height PCIe Gen3 x8 card, instead of 1x PCIe Gen2 x4 and 1x PCIe Gen3 x8

**Drive bays**

Storage drive bays	4/8 x 2.5-inch hot-plug SAS/SATA or 4x 3.5-inch hot-plug SAS/SATA or 10 x 2.5-inch hot-plug SAS/SATA as soon as released
Accessible drive bays	1 x 5.25/0.4-inch for CD-RW/DVD
Notes accessible drives	Following limitations applies to 10x 2.5-inch HDD base unit: No CD-RW/DVD, 1x USB 2.0 at the front, no front VGA

**Drive bays (Base unit specific)**

Storage drive bays	Max. 4x 3.5-inch		Max. 8x 2.5-inch		Max. 10x 2.5-inch	
Number of fans	4					
Fan notes	4 fans in combination with standard power supply or 5 fans in combination with hot-plug PSU base unit for 1+4 redundancy.					
Number of fans	4	5	4	5		
Fan configuration	4 standard fan	5 redundant fan	4 standard fan	5 redundant fan		
Fan notes	non redundant / non hot-plug	redundant / non hot-plug	non redundant / non hot-plug	redundant / non hot-plug		

**Operating panel**

Operating buttons	On/off switch NMI button Reset button
Status LEDs	System status (orange) Identification (blue) Hard disks access (green) Power (green) At system rear side: System status (orange) Identification (blue) LAN connection (green) LAN speed (green / yellow)

**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 Remote PXE boot support Remote iSCSI boot support
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## Operating Systems and Virtualization Software

Certified or supported operating systems and virtualization software	Microsoft® Hyper-V Server 2012 R2
	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 Server® 2012 Foundation
	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 Server® 2008 R2 Foundation
	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
Operating system release link	<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>
Operating system notes	VMware ESX hints: - SATA RAID is not supported - Storing virtual machines locally requires a SAS RAID Controller Support of other Linux derivatives on demand Red Hat® certification starting with version 5.8 / 6.4.

## Server Management

### Standard

Option	ServerView Suite - Maintain iRMC Advanced Pack incl. Advanced Video Redirection (AVR), video capturing and Virtual Media ServerView Suite - Dynamize Virtual-IO Manager (VIOM) ServerView Suite - Integrate Integration pack for Fujitsu ManageNow® solution
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## Dimensions / Weight

Rack (W x D x H)	482.6 mm (Bezel) / 435.4 mm (Body) x 572 x 42.8 mm
Height Unit Rack	1 U
Mounting Cable depth rack	200 mm cable depth
Weight	up to 13 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	<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>

**Environment**

Sound pressure (LpAm)	24 / 34 dB(A) (min / max idle), 28.5 / 34 dB(A) (min / max operating)
Sound power (LWAd; 1B = 10dB)	3.7 / 5.1 B (min / max idle), 4.2 / 5.5 B (min / max operating)
Noise notes	Noise emissions depends on operation modes, system configuration and ambient temperature.

**Electrical values**

Power supply configuration	1x standard power supply or 1x hot-plug power supply or 2x hot plug power supplies for redundancy depending on model
Hot-plug power supply redundancy	Optional
Active power (max. configuration)	197 W
Apparent power (max. configuration)	199 VA
Heat emission	709.2 kJ/h (672.2 BTU/h)
Rated current max.	4.0 A (100 V) / 2.0 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	300W standard, 92% (Gold efficiency), 100-240V, 50 / 60Hz 450W hot-plug, 94% (Platinum efficiency), 100-240V, 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)
Germany	GS
Europe	CE
USA/Canada	CSAc/us ULc/us FCC Class A
Japan	VCCI:V3 Class A + JIS 61000-3-2
Russia	GOST
South Korea	KC
China	CCC
Australia/New Zealand	C-Tick
Taiwan	BSMI
Compliance link	<a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.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

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
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## Hard disk drives

HDD SATA, 6 Gb/s, 500 GB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical  
HDD SATA, 6 Gb/s, 500 GB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical  
HDD SATA, 6 Gb/s, 500 GB, 7,200 rpm, 512e, hot-plug, 3.5-inch, economic  
HDD SATA, 6 Gb/s, 250 GB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical  
HDD SATA, 6 Gb/s, 250 GB, 7,200 rpm, 512e, hot-plug, 3.5-inch, economic  
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  
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  
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  
HDD SAS, 6 Gb/s, 900 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise  
HDD SAS, 6 Gb/s, 600 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise  
HDD SAS, 6 Gb/s, 600 GB, 15,000 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, 450 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise  
HDD SAS, 6 Gb/s, 450 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise  
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, 3.5-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-plug, 2.5-inch, enterprise

## Solid-State-Drive

SSD SATA, 6 Gb/s, 800 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPDP (drive writes per day for 5 years)  
SSD SATA, 6 Gb/s, 800 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPDP (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 DWPDP (drive writes per day for 5 years)  
SSD SATA, 6 Gb/s, 480 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPDP (drive writes per day for 5 years)  
SSD SATA, 6 Gb/s, 240 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPDP (drive writes per day for 5 years)  
SSD SATA, 6 Gb/s, 240 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPDP (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 DWPDP (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 DWPDP (drive writes per day for 5 years)  
SSD SATA, 6 Gb/s, 100 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise  
SSD SATA, 6 Gb/s, 100 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise

DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 345TBW (Seq. write)  
DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 172TBW (Seq. write)

## SCSI / SAS Controller

SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8  
SAS Ctrl. 12 Gbit/s 8 ports ext. PCIe 3.0 x8

<b>RAID Controller</b>	RAID Ctrl., SAS/SATA 12 Gbit/s, Fujitsu PRAID CP400i, 8 ports int. RAID level: 0, 1, 1E, 10, 5, 50 No BBU support
	RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, Fujitsu PRAID EP420i, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108
	RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, Fujitsu PRAID EP400i, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 1 GB, Optional FBU based on LSI SAS3108
	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
	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 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
<b>Communication, Network</b>	Ethernet Ctrl. 1 x 1 Gbit/s PCIe 1.1 x1 RJ45 ( Intel® )
	Ethernet Ctrl. 1 x 1 Gbit/s PCIe 2.1 x1 RJ45 ( Intel® )
	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 1 Gbit/s PCIe 2.1 x4 RJ45 ( Intel® )
	Ethernet Ctrl. 4 x 1 Gbit/s PCIe 2.1 x4 RJ45 ( Intel® )
<b>Graphics add on cards</b>	
	NVIDIA® NVS™315 LP, PCIe x16, 2x DVI/VGA
<b>Rack infrastructure</b>	Rackmount kit full extraction (665mm), tool less mounting, length variable 559-914mm
	Rackmount kit full extraction (665mm), tool less mounting, length variable 559-914mm
	Cable Management 1U for PRIMECENTER- and 3rd-party racks
<b>Warranty</b>	
<b>Warranty period</b>	1 year
<b>Warranty type</b>	Onsite warranty
<b>Warranty Terms &amp; Conditions</b>	<a href="http://www.fujitsu.com/support">www.fujitsu.com/support</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
	24x7, 4h Onsite Response Time
<b>Recommended Service</b>	24x7 Onsite Service with 4h Onsite Response Time
<b>Service Lifecycle</b>	5 years after end of product life
<b>Service Weblink</b>	<a href="http://www.fujitsu.com/fts/products/product-support-services/">http://www.fujitsu.com/fts/products/product-support-services/</a>



# More information

## Fujitsu OPTIMIZATION Services

In addition to Fujitsu PRIMERGY RX1330 M1, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

### Computing Products

[www.fujitsu.com/global/products/computing/](http://www.fujitsu.com/global/products/computing/)

### Software

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

## More information

Learn more about Fujitsu PRIMERGY RX1330 M1, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
<http://www.fujitsu.com/primergy>

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment>



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