

# Data Sheet

## Fujitsu Server PRIMERGY TX1320 M1 Tower Server

For small environments with high demands

FUJITSU Server PRIMERGY will give you the servers you need to power any workload and changing business requirements. As business processes expand so does the need for applications. Each has its own resource footprint, so you need a way to optimize your computing to better serve your users. PRIMERGY systems will help you match your computing capabilities to your business priorities with our complete portfolio of expandable PRIMERGY tower servers for remote and branch offices, versatile rack-mount servers, compact and scalable blade systems, as well as hyper-converged scale-out servers. They convince by business proven quality with a wide range of innovations, highest efficiency cutting operational cost and complexity, provide more agility in daily operations, and integrate seamlessly to let help you concentrate on core business functions.

Perfect for small and medium businesses as well as branch offices, FUJITSU Server PRIMERGY TX tower systems are robust and cost-efficient servers by providing rock solid reliability. Additionally they are characterized by simple IT operations, low power consumption and quiet operation so that they can be handled by non-technically trained staff and can be used in standard office environments. By the way: Almost all PRIMERGY TX servers can be rack-mounted to offer best flexibility.

### PRIMERGY TX1320 M1

The FUJITSU Server PRIMERGY TX1320 M1 is the perfect server for environments where space, full server functionality and silent operation are crucial. The ultra-compact tower server is an excellent choice for retail premises, branch offices, or in other contexts where strict legal controls apply, e.g. medical, legal or financial services. With full server management capabilities the system can easily be integrated into existing IT infrastructures or administered from afar. Despite

its size the PRIMERGY TX1320 M1 features Intel® Xeon® processor E3 family performance, up to four storage drives and supports an optional backup device. This unique combination makes it ideal for demanding environments where space is scarce.



# Features & Benefits

| Main Features   | Benefits  |
|---|---|
| <p><b>Cost effective performance</b></p> <ul style="list-style-type: none"><li>■ Intel® Xeon® processor E3 v3 family with up to 4 cores</li><li>■ Up to 32 GB ECC memory (4 DIMMs) and 4 PCIe slots</li></ul>   | <ul style="list-style-type: none"><li>■ Provides more than enough performance for small and medium-sized businesses and branch offices</li><li>■ Ideal for all classic server tasks, such as file, print, web or office applications</li><li>■ Space-saving: ideal for small offices, at point of sales or in racks for telephone systems</li><li>■ Silent operation for use in offices or showrooms</li><li>■ So small and silent that it might even be placed on the desk</li><li>■ Small server but full server management features: The comprehensive tools of the Fujitsu ServerView Suite eases the administrators life</li><li>■ Easy, fast and comfortable access to the interior of the server, the hard disks and the PCI slots</li></ul> |
| <p><b>Support for special solutions</b></p> <ul style="list-style-type: none"><li>■ Ultra-small form factor fits everywhere – in either tower or desktop position</li><li>■ Low noise emissions through optimized air flow and Fujitsu's Cool-safe® technology</li></ul>  |   |
| <p><b>Full server management features &amp; easy accessibility</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>■ Screwless chassis, hot-plug 2.5-inch and "Easy Rails" for 3.5-inch storage disks</li></ul> |   |

# Technical details

## PRIMERGY TX1320 M1

|   |  |                                 |
|---|--|---------------------------------|
| <b>Base unit</b>                        | PRIMERGY TX1320 M1 SFF   | PRIMERGY TX1320 M1 LFF          |
| <b>Housing types</b>                    | Ultra-compact form-factor  | Ultra-compact form-factor       |
| <b>Storage drive architecture</b>       | 2.5-inch   | 2x 3.5-inch SATA (non hot-plug) |
| <b>Mainboard</b>                        |  |                                 |
| <b>Mainboard type</b>                   | D3239  |                                 |
| <b>Chipset</b>                          | Intel® C224  |                                 |
| <b>Processor quantity and type</b>      | 1 x Intel® Pentium® processor / Intel® Core™ i3 processor / Intel® Xeon® processor E3-1200 v3 product family-based platform  |                                 |
| <b>Processor</b>                        | Intel® Celeron® processor G1820 (2C/2T, 2.70 GHz, TLC: 2 MB, Turbo: No, Mem bus: 1,333 MHz, 54 W)<br>Intel® Core™ i3-4330 processor (2C/4T, 3.50 GHz, TLC: 4 MB, Turbo: No, Mem bus: 1,600 MHz, 54 W)<br>Intel® Pentium® processor G3420 (2C/2T, 3.20 GHz, TLC: 3 MB, Turbo: No, Mem bus: 1,600 MHz, 54 W)<br>Intel® Xeon® processor E3-1220v3 (4C/4T, 3.10 GHz, TLC: 8 MB, Turbo: 3.30 GHz, Mem bus: 1,600 MHz, 80 W)<br>Intel® Xeon® processor E3-1231v3 (4C/8T, 3.40 GHz, TLC: 8 MB, Turbo: 3.60 GHz, Mem bus: 1,600 MHz, 80 W)<br>Intel® Xeon® processor E3-1240Lv3 (4C/8T, 2.00 GHz, TLC: 8 MB, Turbo: 2.80 GHz, Mem bus: 1,600 MHz, 25 W)<br>Intel® Xeon® processor E3-1241v3 (4C/8T, 3.50 GHz, TLC: 8 MB, Turbo: 3.70 GHz, Mem bus: 1,600 MHz, 80 W)<br>Intel® Xeon® processor E3-1271v3 (4C/8T, 3.60 GHz, TLC: 8 MB, Turbo: 3.80 GHz, Mem bus: 1,600 MHz, 80 W)<br>Intel® Xeon® processor E3-1275Lv3 (4C/8T, 2.70 GHz, TLC: 8 MB, Turbo: 3.30 GHz, Mem bus: 1,600 MHz, 45 W)<br>Intel® Xeon® processor E3-1281v3 (4C/8T, 3.70 GHz, TLC: 8 MB, Turbo: 3.90 GHz, Mem bus: 1,600 MHz, 82 W) |                                 |
| <b>Memory slots</b>                     | 4  |                                 |
| <b>Memory slot type</b>                 | DIMM (DDR3) UDIMM  |                                 |
| <b>Memory capacity (min. - max.)</b>    | 4 GB - 32 GB   |                                 |
| <b>Memory protection</b>                | ECC  |                                 |
| <b>Memory notes</b>                     | Mix and match possible; with dual channel operation better performance (2 modules with equal capacity necessary). Single channel (1 module) configuration possible.  |                                 |
| <b>Memory options</b>                   | 4 GB (1 module(s) 4 GB) DDR3, unbuffered, ECC, 1,600 MHz, PC3-12800, DIMM, single rank<br>8 GB (1 module(s) 8 GB) DDR3, unbuffered, ECC, 1,600 MHz, PC3-12800, DIMM, dual rank   |                                 |
| <b>Memory modules notes</b>             | 1333MHz or 1600 MHz memory modules   |                                 |
| <b>Interfaces</b>                       |  |                                 |
| <b>USB 2.0 ports</b>                    | 7 (4x external rear, 2x external front, 1x internal for UFM, no USB wakeup supported)  |                                 |
| <b>USB 3.0 ports</b>                    | 3 (2x external rear, 1x internal)  |                                 |
| <b>Graphics (15-pin)</b>                | 1 analog graphics interface derived from iRMC (up to 1600x1200 or 1920x1080 at 16bpp)  |                                 |
| <b>Serial 1 (9-pin)</b>                 | 1  |                                 |
| <b>LAN / Ethernet</b>                   | 2 x1 Gb/s Ethernet; RJ45   |                                 |
| <b>Management LAN (RJ45)</b>            | 1 x dedicated management LAN port for iRMC S4 (10/100/1000 Mbit/s)<br>Management LAN traffic can be switched to shared onboard Gbit LAN port   |                                 |
| <b>Onboard or integrated Controller</b> |  |                                 |
| <b>RAID controller</b>                  | Optionally integrated RAID 0/1 or RAID 5/6 controller for SAS base units (occupies one PCIe slot). All hardware storage controller options are described under Components  |                                 |
| <b>SATA Controller</b>                  | Intel® C224, 2 ports used for accessible drives<br>4 port for internal SATA HDDs with RAID 0, 1, 10 for Windows and Linux;   |                                 |
| <b>SATA controller type notes</b>       | 4 port for internal SATA HDDs with RAID 0, 1, 10 for Windows and Linux   |                                 |
| <b>LAN Controller</b>                   | Intel® i217 + Intel® i210 onboard. 2 x 10/100/1000 Mbit/s Ethernet. Intel® i217LM: 2xTX/2xRX, iSCSI remote boot support, APM wake up.<br>Intel® i210, 4xTX/4xRX, iSCSI and PXE 2.0-remote Boot via LAN, WoL.<br>Service LAN: Realtek RTL8211E  |                                 |
| <b>Remote management controller</b>     | Integrated Remote Management Controller (iRMC S3, 32 MB attached memory incl. graphics controller)<br>IPMI 2.0 compatible  |                                 |
| <b>Trusted Platform Module (TPM)</b>    | Infineon / TPM 1.2 module; TCG compliant (option)  |                                 |

| <b>Slots</b>   |   |
|--|---|
| PCI-Express 3.0 x8   | 2 x Low profile   |
| PCI-Express 2.0 x1 (mech. x4)  | 1 x Low profile   |
| PCI-Express 2.0 x4 (mech. x8)  | 1 x Low profile   |
| Slot Notes   | In SAS configuration 1x PCI-Express occupied by modular RAID controller.<br><b>In configurations with Intel® Core™ i3 or Intel® Pentium® processors slots are operated with PCI-Express 2.0.</b>  |
| <b>Drive bays</b>  |   |
| Storage drive bays   | max 6 (4+2) x 2.5-inch hot-plug SAS/SATA or 2x 3.5-inch non hot-plug SATA.  |
| Storage drive bay configuration                                      | Not upgradeable in the field.   |
| Accessible drive bays  | 1 x 3.5/1.6-inch for backup devices<br>1 x 5.25/0.5-inch for CD-RW/DVD  |
| Optional hard disk bays  | None  |
| <b>Fan Configuration</b>   |   |
| Number of fans   | 3   |
| Fan notes  | Processor fan, rear fan, drive fan  |
| <b>Operating panel</b>   |   |
| Operating buttons  | On/off switch   |
| Status LEDs  | System status (orange / yellow)<br>Identification (blue)<br>Hard disks access (green)<br>Power (orange / green)<br>At system rear side:<br>System status (orange / yellow)<br>Identification (blue)<br>LAN connection (green)<br>LAN speed (green / yellow)<br>CSS (yellow) |
| <b>Operating Systems and Virtualization Software</b>                 |   |
| 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 Systems and Virtualization Software

**Operating system notes** Support of other Linux derivatives on demand

## Server Management

**Standard**

- ServerView Suite - Deploy
  - Installation Manager
  - Scripting Toolkit
- ServerView Suite - Control
  - Operations Manager incl. PDA and ASR & R (Prefailure and Analysis; Automatic Server Recovery and Restart)
  - Agents and CIM Providers / Agentless Service
  - System Monitor
  - RAID Manager
  - Capacity Management
  - Power Management
  - Storage Support
- ServerView Suite - Maintain
  - Remote Management (iRMC in combination with Intel® Node Manager)
  - Update Management (BIOS, Firmware, Windows Drivers, Agents and CIM Providers)
  - Performance Measurement
  - Asset Management
  - Online Diagnostics
- ServerView Suite - Integrate
  - Integration packs for Microsoft System Center, VMware vCenter, VMware vRealize, Nagios, and HP SIM

Deployment tools and others

**Option**

- ServerView embedded Lifecycle Management
  - Enhanced management functionalities for simplified, highly integrated and automated management processes
- ServerView Suite - Maintain
  - iRMC Advanced Pack incl. Advanced Video Redirection (AVR), video capturing and Virtual Media

**Server Management notes** Regarding dependencies for ServerView Suite software products see dedicated product data sheets.

## Dimensions / Weight

**Floor-stand (W x D x H)** 98 x 399 x 340 mm

**Dimension notes** without feet

**Weight** up to 10 kg

**Weight notes** Actual weight may vary depending on configuration

## Environment

**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)** SATA: 22 dB(A) idle mode / 23 dB(A) operating mode; SAS: 33 dB(A) idle mode / 35 dB(A) operating mode

**Sound power (LWAd; 1B = 10dB)** SATA: 3.7 B idle mode / 3.7 B operating mode; SAS: 4.9 B idle mode / 5 B operating mode

**Noise notes** Noise emissions depends on operation modes, system configuration and ambient temperature.

## Electrical values

**Power supply configuration** 1x standard power supply

**Active power (max. configuration)** 147 W

**Apparent power (max. configuration)** 152 VA

**Heat emission (max. configuration)** 529.2 kJ/h (501.6 BTU/h)

**Rated current max.** 6A (100 V) / 3A (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** 250W standard, 94% (Platinum efficiency), 100-240V, 50 / 60Hz

## Compliance

**Global**

- CB
- RoHS (Substance limitations in accordance with global RoHS regulations)
- WEEE (Waste electrical and electronic equipment)

**Europe** CE

|                         |  |
|-------------------------|--|
| <b>Compliance</b>       |  |
| <b>USA/Canada</b>       | CSA us<br>ULc/us<br>FCC Class A  |
| <b>South Korea</b>      | KC   |
| <b>China</b>            | CCC  |
| <b>Compliance link</b>  | <a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a>  |
| <b>Compliance notes</b> | Above mentioned compliances are planned but not available at preliminary stage.<br>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.<br>* Warning:<br>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>Backup Drives</b>    | RDX Drive, 320 GB, 500 GB, 1 TB , 25 MB/s, half height, USB 3.0  |
| <b>Optical drives</b>   | Blu-ray Disc™ Triple Writer, (6x BD-ROM; 8x DVD; 24x CD), slimline, SATA I<br>DVD Super Multi, (8xDVD/DVD+RW, 6xDVD-RW, 5xDVD-RAM; 24xCD/CD-R, 16xCD-RW), slimline, SATA I   |
| <b>Hard disk drives</b> | <p>HDD SATA, 6 Gb/s, 500 GB, 7,200 rpm, non hot plug, 3.5-inch, economic</p> <p>HDD SATA, 6 Gb/s, 500 GB, 7,200 rpm, non hot plug, 3.5-inch, business critical</p> <p>HDD SATA, 6 Gb/s, 500 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical</p> <p>HDD SATA, 6 Gb/s, 250 GB, 7,200 rpm, non hot plug, 3.5-inch, economic</p> <p>HDD SATA, 6 Gb/s, 250 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical</p> <p>HDD SATA, 6 Gb/s, 3 TB, 7,200 rpm, non hot plug, 3.5-inch, business critical</p> <p>HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, non hot plug, 3.5-inch, business critical</p> <p>HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, non hot plug, 3.5-inch, business critical</p> <p>HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical</p> <p>HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 6 Gb/s, 900 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 6 Gb/s, 600 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 6 Gb/s, 600 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 6 Gb/s, 450 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 6 Gb/s, 450 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 6 Gb/s, 300 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 6 Gb/s, 300 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 6 Gb/s, 146 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise</p> <p>HDD SAS, 6 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</p> |

|   |   |
|---|---|
| <b>Solid-State-Drive</b>                                | SSD SATA, 6 Gb/s, 800 GB, Read-Intensive Endurance, 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, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)   |
|   | SSD SATA, 6 Gb/s, 240 GB, Read-Intensive Endurance, 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, 2.5-inch, enterprise  |
|   | 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)   |
|   | 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)  |
| <b>RAID Controller</b>                                  | RAID 5/6 Ctrl., SAS/SATA 6 Gbit/s, Fujitsu RAID Ctrl SAS 6G 5/6 512MB (D2616), 8 ports int.<br>RAID level: 0, 1, 10, 5, 50, 6, 60, 512 MB Cache                         |
|   | Fujitsu RAID Ctrl SAS 6G 1GB (D3116C), RAID 5/6 Ctrl., SAS/SATA 6 Gbit/s, 8 ports int.<br>RAID level: 0, 1, 10, 5, 50, 6, 60, 1 GB, Optional FBU (based on LSI SAS2208) |
|   | Fujitsu RAID Ctrl SAS 6G 0/1 (D2607), RAID 0/1 Ctrl., SAS/SATA 6 Gbit/s, 8 ports int.<br>RAID level: 0, 1, 10, No BBU support   |
| <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>Warranty</b>   |   |
| <b>Warranty period</b>                                  | 1 year  |
| <b>Warranty type</b>                                    | Onsite Service (depending on country)   |
| <b>Warranty Terms &amp; Conditions</b>                  | <a href="http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM">http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM</a>   |
| <b>Product Support Services - the perfect extension</b> |   |
| <b>Support Pack Options</b>                             | Globally available in major business areas:<br>9x5, Next Business Day Onsite Response Time<br>9x5, 4h Onsite Response Time<br>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 TX1320 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 TX1320 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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