Data Sheet
Fujitsu PRIMERGY RX1330 M5 Rack Server

Cost-efficient, compact platform with exceptional flexibility

Fujitsu offers a fantastic blend of systems, solutions and expertise to guarantee maximum productivity, efficiency and flexibility, delivering confidence and reliability. Fujitsu PRIMERGY servers deliver workload-optimized x86 industry standard systems for any workload and business demand. Since there is no single server solution to meet all these needs, Fujitsu offers a broad server portfolio consisting of expandable tower servers, versatile rack-mount servers, density-optimized multi-node servers as well as GPU servers purpose-built for the demands of AI and VDI. While all these systems are designed to handle multiple workloads, each server is optimized for specific use cases. Whatever the size of your business – large enterprise with multiple sites, or a small or medium-sized company with limited space and budget – with the right choice of server, your IT can become the business enabler you have always wanted it to be.

PRIMERGY RX1330 M5
The Fujitsu Server PRIMERGY RX1330 M5 is a mono-socket 1U rack server designed for small businesses as well as remote/branch offices that require reliability, performance and serviceability to support their critical business and customer data needs. The PRIMERGY RX1330 M5 delivers the flexibility to increase compute, storage, and memory capacity. The server can be equipped with the latest Intel® Xeon® E-2300 processors and provides the ability to run multiple applications at the same time, by choosing either a 4-, 6-, or 8-core CPU as well as to address data sets with up to four DDR4 DIMMs and with a maximum of 128GB of RAM. Intel® Pentium® processors are also available as an option. It provides versatile storage options with up to 4x 3.5” or up to 10x 2.5” storage devices to be able to harness data growth as well as M.2 devices and Dual microSD to be used as flash boot devices for VMware environments. Moreover, there is an additional version based on a chassis with a shorter depth (less than 450mm) especially suited for network service providers.

Equipped with two PCIe Gen4, one PCIe 3.0 expansion slots and 2x Gbit LAN onboard, the PRIMERGY RX1330 M5 offers improved data transfer rates and higher networking speeds. By delivering high energy efficient PSUs, with the choice between standard and redundant power supplies as well as a modular approach for RAID and LAN controllers, the mono-socket server contributes to reduced operational costs. It provides a simple design for easy serviceability and comes along with the latest integrated Remote Management Controller (iRMC S6) to simplify server management. Integrated security and proven reliability helps to ensure maximum uptime. In addition to some enhanced security protections for application data such as Intel SGX, the server also offers a lockable front bezel to avoid unauthorized physical access directly in the data center.
## Features & Benefits

<table>
<thead>
<tr>
<th>Main Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BOOST YOUR PRODUCTIVITY</strong></td>
<td></td>
</tr>
</tbody>
</table>
- Increase compute performance and the ability to run multiple applications at the same time, by choosing either a 4-, 6-, or 8-core Intel® Xeon® E-2300 processors, or the option to use more affordable Intel® Pentium® processors.  
- Workload optimized performance for space and power constrained environments from the edge to the data center. |
| **SCALE YOUR IT ACCORDING TO YOUR NEEDS** |  
- Harness data growth with up to 4x 3.5" or up to 10x 2.5" storage devices as well as M.2 devices and Dual microSD to be used as flash boot devices for VMware environments.  
- The PRIMERGY RX1330 M5 delivers the flexibility to increase compute, storage, and memory capacity based on various configuration options and different base units.  
- New iRMC S6 enhances server administrator productivity with a variety of user-friendly features for remote management. Moreover, Infrastructure Manager (ISM) enables organizations to have centralized control over the entire infrastructure using a single user interface. |
| **SIMPLIFY YOUR IT** |  
- Embedded with new iRMC S6 for remote access of your servers anywhere and anytime. In addition, Infrastructure Manager (ISM) provides seamless, holistic management ensuring that IT infrastructures retain the dynamic flexibility required to support ever-changing business demands. Two versions of ISM are available. ISM Advanced is a powerful, fully featured version offering comprehensive infrastructure management capabilities such as support for multiple hardware configurations, physical and virtual network connection indicators and firmware baseline updates. A free entry-level version, ISM Essential, provides essential monitoring and firmware update of all supported devices, including servers, storage and network switches.  
- New iRMC S6 enhances server administrator productivity with a variety of user-friendly features for remote management. Moreover, Infrastructure Manager (ISM) enables organizations to have centralized control over the entire infrastructure using a single user interface. |
| **GROW YOUR BUSINESS** |  
- Address data sets with up to four DDR4 DIMMs and with a maximum of 128GB of RAM. In addition, the server can be expanded using three PCIe 4.0 interfaces.  
- The variety of expansion options makes the RX1330 M5 an ideal rack server platform for growing businesses. Outstanding configuration flexibility caters to a variety of business requirements and a range of HPE Qualified Options to fit most needs. |
## Technical details

### PRIMERGY RX1330 M5

<table>
<thead>
<tr>
<th>Base unit</th>
<th>RX1330 M5 (4x 3.5&quot;)</th>
<th>RX1330 M5 (8x 2.5&quot;)</th>
<th>RX1330 M5 (10x 2.5&quot;)</th>
<th>RX1330 M5 (4x 2.5&quot;)</th>
<th>RX1330 M5 (4x 2.5&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing types</td>
<td>Rack</td>
<td>Rack</td>
<td>Rack</td>
<td>Rack (short depth)</td>
<td>Rack (short depth)</td>
</tr>
<tr>
<td>Storage drive architecture</td>
<td>3.5-inch SAS/SATA</td>
<td>2.5-inch SAS/SATA/PCle</td>
<td>2.5-inch SAS/SATA</td>
<td>2.5-inch SAS/SATA</td>
<td>2.5-inch NVMe</td>
</tr>
<tr>
<td>Power supply</td>
<td>Hot-plug</td>
<td>Hot-plug</td>
<td>Hot-plug</td>
<td>Hot-plug</td>
<td>Hot-plug</td>
</tr>
<tr>
<td>Product Type</td>
<td>Mono Socket Rack Server</td>
<td>Mono Socket Rack Server</td>
<td>Mono Socket Rack Server</td>
<td>Mono Socket Rack Server</td>
<td>Mono Socket Rack Server</td>
</tr>
</tbody>
</table>

### Mainboard

- **Mainboard type**: D3929
- **Chipset**: Intel® C256
- **Processor quantity and type**: 1 x Intel® Xeon® E-2300 processor family / Intel® Pentium® processor
- **Processor**
  - Intel® Xeon® processor E-2388G (8C/16T, 3.20 GHz, TLC: 16 MB, Turbo: 4.60 GHz, 3,200 MHz, 95 W)
  - Intel® Xeon® processor E-2386G (6C/12T, 3.50 GHz, TLC: 12 MB, Turbo: 4.70 GHz, 3,200 MHz, 95 W)
  - Intel® Xeon® processor E-2378G (8C/16T, 2.80 GHz, TLC: 16 MB, Turbo: 4.60 GHz, 3,200 MHz, 80 W)
  - Intel® Xeon® processor E-2378 (8C/16T, 2.60 GHz, TLC: 16 MB, Turbo: 4.50 GHz, 3,200 MHz, 65 W)
  - Intel® Xeon® processor E-2374G (4C/8T, 3.70 GHz, TLC: 8 MB, Turbo: 4.70 GHz, 3,200 MHz, 80 W)
  - Intel® Xeon® processor E-2356G (6C/12T, 3.20 GHz, TLC: 12 MB, Turbo: 4.70 GHz, 3,200 MHz, 80 W)
  - Intel® Xeon® processor E-2336 (6C/12T, 2.90 GHz, TLC: 12 MB, Turbo: 4.60 GHz, 3,200 MHz, 65 W)
  - Intel® Xeon® processor E-2334 (4C/8T, 3.40 GHz, TLC: 8 MB, Turbo: 4.60 GHz, 3,200 MHz, 65 W)
  - Intel® Xeon® processor E-2324G (4C/4T, 3.10 GHz, TLC: 8 MB, Turbo: 4.50 GHz, 3,200 MHz, 65 W)
  - Intel® Xeon® processor E-2314 (4C/4T, 2.80 GHz, TLC: 8 MB, Turbo: 3.50 GHz, 3,200 MHz, 65 W)
  - Intel® Pentium® Gold G6405 (2C/4T, 4.10 GHz, TLC: 4 MB, Turbo: No, 2,666 MHz, 58 W)
- **Memory slots**: 4
- **Memory slot type**: UDIMM (DDR4)
- **Memory capacity (min. - max.)**: 8 GB - 128 GB
- **Memory protection**: ECC
- **Memory notes**: support up to 3200 MT/s. Pentium CPU support up to 2666 MT/s only. Any mix of different memory modules with different order code is not supported.

### Interfaces

- **USB 2.x ports**: 2 (Rear: 2x USB 2.0)
- **USB 3.x ports**: 5 (Rear: 2x 3.2 Gen1 for all base units, Front (except 10x 2.5" base unit): 2x USB 3.2 Gen1, 1x USB 3.2 Gen2(20 Gb, Type C), Front (for 10x 2.5" base unit): 2x USB 3.2 Gen1)
- **Graphics (15-pin)**: 1 x VGA (15-pin) / optional 1 x front VGA (not for 10x 2.5" base unit)
- **Serial connection**: 1 x optional (occupies PCIe slot)
- **LAN / Ethernet**: 2
- **Management LAN (RJ45)**: 1 x dedicated management LAN port for iRMC S6 (10/100/1000 Mbit/s)
  Management LAN traffic can be switched to shared onboard Gbit LAN port

### Onboard or integrated Controller

- **RAID controller**: Integrated RAID 0/1 or RAID 5/6 controller (option)
  All hardware storage controller options are described under Components
- **SATA Controller**: Intel® C256, 1x SATA channel for ODD, 2x SATA channel for M.2, 4x SATA channel for HDD/SSD
- **LAN Controller**: Intel® i210 onboard
  2 x 10/100/1000 Mbit/s Ethernet (TCP/IP acceleration)
- **Remote management controller**: Integrated Remote Management Controller (iRMC S6, 1024 MB attached memory incl. graphics controller)
- **Trusted Platform Module (TPM)**: TPM 2.0 module (option)

### Slots

- **PCI-Express 4.0 x8**: 2 x Low profile
- **PCI-Express 3.0 x4**: 1 x Low profile
Slots
Slot Notes  Optional support of 1x full height PCIe Gen4 x8 card, instead of 1x PCIe Gen3 x4 and 1x PCIe Gen4 x8. PCIe 4.0 slot works as PCIe 3.0 with Pentium CPU.

Drive bays
Storage drive bays  4/8 x 2.5-inch hot-plug SATA/SAS (Up to 4x NVMe PCIe SSD supported) or 4x 3.5-inch hot-plug or 10 x 2.5-inch hot-plug SATA/SAS
Accessible drive bays  1 x 5.25/9.5mm for DVD-RW/Blu-ray
Notes accessible drives  Not for 10x 2.5-inch HDD base unit. All possible options described in relevant system configurator.

Drive bays (Base unit specific)
Storage drive bays  Max. 4x 3.5-inch  Max. 8x 2.5-inch  Max. 10x 2.5-inch  4x 2.5-inch
Accessible drive bays  1 x 5.25/9.5mm for DVD-RW/Blu-ray  1 x 5.25/9.5mm for DVD-RW/Blu-ray

Fan Configuration
Number of fans  5
Fan notes  5 single non hot-plug fans or 5 dual non hot-plug fans (4+1 redandancy, depends on system configuration)

Operating panel
Operating buttons  On/off switch  NMI button  Reset button  ID button

Status LEDs  At system front side:  Power (DC-On: green / AC-On: white)  Global error (orange)  Identification (blue)  Hard disks access (green)  CSS (orange)  At system rear side:  CSS (orange)  Identification (blue)  Global error (orange)  LAN connection (green)  LAN speed (green / yellow)

BIOS
BIOS features  UEFI compliant  Secure boot support  ROM based setup utility  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  Remote PXE boot support  Remote iSCSI boot support  HTTP and HTTPS Boot

Operating Systems and Virtualization Software
### Operating Systems and Virtualization Software

**Operating system notes** Use of certified or supported operating systems and virtualization software is subject to proactive acceptance of the respective License Agreements/ EULAs/ Subscription and support terms of the Software manufacturer as applicable for the relevant Software whether preinstalled or optional. The software may only be available bundled with a software support subscription which – depending on the Software - may be subject to separate remuneration.

### Infrastructure and Server Management

**DC Infrastructure Management**
- Infrastructure Manager (ISM)
  - Essential Edition
  - Advanced Edition

**Server Management**
- Infrastructure Manager (ISM)
  - Essential Edition
  - Advanced Edition

**Management notes** For further information regarding ISM see dedicated data sheets.

**Manageability link** [http://docs.ts.fujitsu.com/dl.aspx?id=9e92297a-16fb-4c69-8559-e38e7b42fee6](http://docs.ts.fujitsu.com/dl.aspx?id=9e92297a-16fb-4c69-8559-e38e7b42fee6)

### Dimensions / Weight

| Rack (W x D x H) | 482.6 mm (Bezel) / 435.4 mm (Body) x 612 x 43 mm |
| Dimension notes | Short depth: 482.6 mm (Bezel) / 435.4 mm (Body) x 506 mm x 43 mm |
| Height Unit Rack | 1 U |
| Weight | Std: max. 13 kg / Short depth: max. 10 kg |
| Weight notes | Actual weight may vary depending on configuration |
| Rack integration kit | Rack integration kit as option |

### Environment

**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. Please use the Fujitsu WebArchitect ([www.fujitsu.com/configurator/public](http://www.fujitsu.com/configurator/public)) to get detailed information on the corresponding configurations.

**Operating relative humidity** 8 - 85 % (non condensing)


**Sound pressure (LpAm)**
- Std: 22 dB(A) (idle)/ 22 dB(A) (operating)
- Short: 24 dB(A) (idle)/ 26 dB(A) (operating)

**Sound power (LWAd; 1B = 10dB)**
- Std: 4.0B (idle)/ 4.0B (operating)
- Short: 4.3B (idle)/ 4.5B (operating)

**Noise notes** Noise emissions and operation modes depend on system configuration.

### 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)** 1,088 W

**Apparent power (max. configuration)**
- 230V: 1035VA
- 100V: 1100 VA

**Heat emission (max. configuration)** 3916.8 kJ/h (3712.4 BTU/h)

**Rated current max.**
- 11A (100V) / 5.7A (240V)

**Power supply**
- 300W standard, 92% (Gold efficiency), 100-240V, 50 / 60Hz
- 500W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz
- 500W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz
- 900W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz
- 900W 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.

### Compliance

**Product** PRIMERGY RX1330 M5

**Model** PR1330B/PR1330BS

**Global**
- CB
- RoHS (Substance limitations in accordance with global RoHS regulations)
- WEEE (Waste electrical and electronical equipment)
Compliance

<table>
<thead>
<tr>
<th>Country</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany</td>
<td>GS</td>
</tr>
<tr>
<td>Europe</td>
<td>CE</td>
</tr>
<tr>
<td>USA/Canada</td>
<td>NRTLc/us, FCC Class A, ICES-003 / NMB-003 Class A</td>
</tr>
<tr>
<td>Japan</td>
<td>VCCI Class A + JIS 61000-3-2</td>
</tr>
<tr>
<td>Russia</td>
<td>EAC</td>
</tr>
<tr>
<td>South Korea</td>
<td>KC</td>
</tr>
<tr>
<td>China</td>
<td>CCC</td>
</tr>
<tr>
<td>Australia/New Zealand</td>
<td>RCM</td>
</tr>
<tr>
<td>Taiwan</td>
<td>BSMI</td>
</tr>
</tbody>
</table>

Compliance link: [https://sp.ts.fujitsu.com/sites/certificates](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

**Hard disk drives**
- HDD SATA, 6 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
- HDD SATA, 6 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
- HDD SATA, 6 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
- HDD SATA, 6 Gb/s, 12 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, 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

<table>
<thead>
<tr>
<th>Model Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDD SAS, 12 Gb/s, 900 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 4 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 4 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 2 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise</td>
<td></td>
</tr>
<tr>
<td>HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED</td>
<td></td>
</tr>
</tbody>
</table>
### Solid-State-Drive

<table>
<thead>
<tr>
<th>Type</th>
<th>Capacity</th>
<th>Interface</th>
<th>Form Factor</th>
<th>Use</th>
<th>Hot Plug</th>
<th>DWPD (Drive Writes Per Day for 5 years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>960 GB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>3.5-inch</td>
<td>enterprise</td>
<td>1.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>960 GB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>0.9 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>960 GB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>1.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>960 GB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>0.9 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>960 GB</td>
<td>non hot-plug</td>
<td>enterprise</td>
<td>1.5 DWPD (Drive Writes Per Day for 5 years)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>960 GB</td>
<td>Mixed-use</td>
<td>hot-plug</td>
<td>3.5-inch</td>
<td>enterprise</td>
<td>3.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>960 GB</td>
<td>Mixed-use</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>0.9 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>480 GB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>3.5-inch</td>
<td>enterprise</td>
<td>1.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>480 GB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>0.9 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>480 GB</td>
<td>Mixed-use</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>3.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 6 Gb/s</td>
<td>480 GB</td>
<td>Mixed-use</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>0.9 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 240 GB</td>
<td>240 GB</td>
<td>Mixed-use</td>
<td>hot-plug</td>
<td>3.5-inch</td>
<td>enterprise</td>
<td>1.4 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 240 GB</td>
<td>240 GB</td>
<td>Mixed-use</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>1.4 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 7.68 TB</td>
<td>7.68 TB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>3.5-inch</td>
<td>enterprise</td>
<td>1.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 7.68 TB</td>
<td>7.68 TB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>0.5 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 7.68 TB</td>
<td>7.68 TB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>1.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 3.84 TB</td>
<td>3.84 TB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>1.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 3.84 TB</td>
<td>3.84 TB</td>
<td>Mixed-use</td>
<td>hot-plug</td>
<td>3.5-inch</td>
<td>enterprise</td>
<td>3.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 3.84 TB</td>
<td>3.84 TB</td>
<td>Mixed-use</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>0.9 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 1.92 TB</td>
<td>1.92 TB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>3.5-inch</td>
<td>enterprise</td>
<td>0.9 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 1.92 TB</td>
<td>1.92 TB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>1.0 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD SATA, 1.92 TB</td>
<td>1.92 TB</td>
<td>Read-Intensive</td>
<td>hot-plug</td>
<td>2.5-inch</td>
<td>enterprise</td>
<td>0.9 DWPD (Drive Writes Per Day for 5 years)</td>
</tr>
<tr>
<td>SSD M.2 SATA, 6 Gb/s</td>
<td>480 GB</td>
<td>non hot-plug</td>
<td>enterprise</td>
<td>1.5 DWPD (Drive Writes Per Day for 5 years)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSD M.2 SATA, 6 Gb/s</td>
<td>240 GB</td>
<td>non hot-plug</td>
<td>enterprise</td>
<td>1.5 DWPD (Drive Writes Per Day for 5 years)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Solid-State-Drive

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, 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, 800 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, 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, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 6.4 TB, 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, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 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, 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, 2.5-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)
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)
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, 2.5-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)
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, 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, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)

PCIe SSD & SATA DOM SSD

PCIe-SSD SFF, 960 GB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 12.8 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 2 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
PCIe-SSD SFF, 1 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)

SCSI / SAS Controller

Broadcom® PSAS CP503i LP SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8
Broadcom® PSAS CP500e LP SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8

RAID Controller

pre-configured RAID1 Array for M.2 in PDUAL,
Fujitsu PRAID EP680i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 16 GT/s, 16 ports int. RAID level: 0, 1, 10, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3916
Fujitsu PRAID EP640i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 50, 6, 60, 4, 40 GB, Optional FBU based on LSI SAS3908
Fujitsu PRAID EP580i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 Gbit/s 16 ports int. RAID level: 0, 1, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516
Fujitsu PRAID EP540i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 Gbit/s 16 ports int. RAID level: 0, 1, 50, 6, 60, 4, 40 GB, Optional FBU based on LSI SAS3516
Fujitsu PRAID EP520i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 Gbit/s 16 ports int. RAID level: 0, 1, 50, 6, 60, 2, 2 GB, Optional FBU based on LSI SAS3516
Broadcom® PRAID CP500i LP RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 50, No FBU support

Fibre Channel controller

Fibre Channel Host Bus Adapter 1 x Qlogic QLE2770-FJ-BK LC-style
Fibre Channel Host Bus Adapter 2 x Qlogic QLE2772-FJ-BK LC-style
Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Emulex LPE35000-M2-F MMF LC-style
Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPE35002-M2-F MMF 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
GPU computing card
NVIDIA® T400 4GB, 4 GB, 384 cores, 4GB, N/A, PCIe x16, 3 x miniDP

Rack infrastructure
Rackmount kit full extraction (665mm). Tool less mounting for general use, length variable 559-890mm. If consider to shipment with Rack and earthquake, suggest to fix RMK with security screw.
Rackmount kit full extraction (562.5mm). Tool less mounting for general use, length variable 559-890mm. If consider to shipment with Rack and earthquake, suggest to fix RMK with security screw.
Rackmount kit tool less mounting

Cable Management 1U for PRIMECENTER- and 3rd-party racks

Warranty
Warranty period 1 year
Warranty type Onsite warranty

Warranty Terms & Conditions www.fujitsu.com/support

Product Support - the perfect extension

Support Pack Options
Globally available in major metropolitan 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 Service with 4h Onsite Response Time

Service Lifecycle
at least 5 years after shipment, for details see https://support.ts.fujitsu.com/

More information

Fujitsu products, solutions & services
In addition to Fujitsu PRIMERGY RX1330 M5, 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/

Software
www.fujitsu.com/software/

More information
Learn more about Fujitsu PRIMERGY RX1330 M5, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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

Copyrights
All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see https://www.fujitsu.com/global/about/resources/terms/ Copyright 2023 Fujitsu LIMITED

Disclaimer
Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering. The product was developed for normal business use. Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner.