Data Sheet
Fujitsu PRIMERGY CX2560 M5 Multi-Node Server

Balanced efficiency and expandability for demanding cloud and virtualization scenarios

Fujitsu offers a fantastic blend of systems, solutions and expertise to guarantee maximum productivity, efficiency and flexibility, delivering confidence and reliability. Fujitsu Server PRIMERGY systems deliver workload-optimized x86 industry standard servers 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 for remote and branch offices, versatile rack-mount servers and density-optimized multi-node servers. 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 CX2560 M5
The Fujitsu Server PRIMERGY CX2560 M5 delivers the latest generation of powerful processors, large memory capacity and scalable I/O capability that meet virtualization, server consolidation or enterprise application needs. It’s a flexible, two-socket half-height/width server node for the PRIMERGY CX400 M4 chassis powered by Intel® Xeon® Scalable processors as well as new 2nd generation processors of the Intel® Xeon® Scalable Family (CLX-R) delivering industry-leading frequencies. Each CX2560 M5 within the enclosure supports up to 2TB of DDR4 memory, making it a perfect candidate for dense virtualization environments. Furthermore, it is possible to use new Intel® Optane™ DC Persistent Memory and to mix them with standard DDR4 modules, resulting in a total capacity of 7,680 GB per server. Unlike traditional DRAM, the new persistent memory modules will offer the unprecedented combination of high-capacity, affordability and persistence. Servers equipped with this new class of memory will be able to adapt and optimize their workloads by moving and maintaining larger amounts of data closer to the processor and minimizing the higher latency of fetching data from system storage. The CX2560 M5 storage options include six 2.5-inch SAS/SATA HDD/SSD drives per node, with additional option of using two M.2 drives or a dual microSD card directly in the system as an internal boot device. The PRIMERGY CX400 M4 chassis supports up to four CX2560 M5 servers.
# Features & Benefits

<table>
<thead>
<tr>
<th>Main Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>New efficiency for performance bottlenecks</td>
<td>- 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. New SKUs of the 2nd generation Intel® Xeon® Scalable processors deliver additional customer value with increased performance and industry leading frequency (up to 3.9 GHz base and up to 44% more processor cache) for the most demanding workloads.</td>
</tr>
<tr>
<td>Increased DDR4 memory bandwidth</td>
<td>- Enhanced DDR4 memories enables higher bandwidth and lower consumption. The right choice for any application.</td>
</tr>
<tr>
<td>Enhanced features for enhanced computing</td>
<td>- Delivered with the next-generation Intel® Xeon® Scalable processor, the Intel® Optane™ DC persistent memory technology will transform critical data workloads – from cloud and databases, to in-memory analytics, and content delivery networks.</td>
</tr>
<tr>
<td></td>
<td>- The right Ethernet connection for all: Basic via onboard LAN, extended with DynamicLoM guarantees the highest flexibility to integrate the server into existing infrastructures – now and in future without overhauling the existing infrastructure.</td>
</tr>
</tbody>
</table>
## Technical details

### PRIMERGY CX2560 M5

<table>
<thead>
<tr>
<th>Base unit</th>
<th>PRIMERGY CX2560 M5 air cooling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing types</td>
<td>Air-cooled node</td>
</tr>
<tr>
<td>Product Type</td>
<td>Dual Socket 1U Server Node</td>
</tr>
</tbody>
</table>

### Mainboard

<table>
<thead>
<tr>
<th>Mainboard type</th>
<th>D 3853</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chipset</td>
<td>Intel® C624</td>
</tr>
<tr>
<td>Processor quantity and type</td>
<td>1 - 2 x Intel® Xeon® Bronze 3xxx processor / Intel® Xeon® Silver 4xxx processor / Intel® Xeon® Gold 5xxx processor / Intel® Xeon® Gold 6xxx processor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mainboard type</th>
<th>D 3854</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chipset</td>
<td>Intel® C624</td>
</tr>
</tbody>
</table>

### Intel® Xeon® Bronze Processor

<table>
<thead>
<tr>
<th>Processor</th>
<th>Intel® Xeon® Bronze 3206R (8C, 1.90 GHz, TLC: 11 MB, Turbo: 1.90 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 85 W, AVX Base 1.80 GHz, AVX Turbo 1.80 GHz)</th>
</tr>
</thead>
</table>

### Intel® Xeon® Silver Processor

<table>
<thead>
<tr>
<th>Processor</th>
<th>Intel® Xeon® Silver 4208 (8C, 2.10 GHz, TLC: 11 MB, Turbo: 2.50 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 1.60 GHz, AVX Turbo 2.00 GHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Intel® Xeon® Silver 4210 (10C, 2.20 GHz, TLC: 13.75 MB, Turbo: 2.70 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 1.90 GHz, AVX Turbo 2.30 GHz)</td>
</tr>
<tr>
<td></td>
<td>Intel® Xeon® Silver 4214 (12C, 2.20 GHz, TLC: 16.5 MB, Turbo: 2.70 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 1.80 GHz, AVX Turbo 2.40 GHz)</td>
</tr>
<tr>
<td></td>
<td>Intel® Xeon® Silver 4214R (12C, 2.40 GHz, TLC: 16.5 MB, Turbo: 3.00 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 100 W, AVX Base 2.10 GHz, AVX Turbo 2.70 GHz)</td>
</tr>
<tr>
<td></td>
<td>Intel® Xeon® Silver 4214Y (12C, 2.20 GHz, TLC: 16.5 MB, Turbo: 2.70 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 1.80 GHz, AVX Turbo 2.40 GHz)</td>
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<td></td>
<td>Intel® Xeon® Silver 4215 (8C, 2.50 GHz, TLC: 11 MB, Turbo: 3.00 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 85 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz)</td>
</tr>
<tr>
<td></td>
<td>Intel® Xeon® Silver 4216 (16C, 2.10 GHz, TLC: 22 MB, Turbo: 2.70 GHz, 9.6 GT/s, Mem bus: 2,400 MHz, 100 W, AVX Base 1.40 GHz, AVX Turbo 2.30 GHz)</td>
</tr>
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</table>
### Intel® Xeon® Gold Processor

<table>
<thead>
<tr>
<th>Processor Type</th>
<th>Model</th>
<th>Cores</th>
<th>Base Frequency</th>
<th>Turbo Frequency</th>
<th>L2 Cache</th>
<th>L3 Cache</th>
<th>Memory Bus</th>
<th>TDP</th>
<th>AVX Base</th>
<th>AVX Turbo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel® Xeon® Gold 5215</td>
<td>10C: 2.50 GHz, TLC: 13.75 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 85 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 5217</td>
<td>8C: 3.00 GHz, TLC: 11 MB, Turbo: 3.40 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 115 W, AVX Base 2.50 GHz, AVX Turbo 3.00 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 5218R</td>
<td>20C: 2.10 GHz, TLC: 27.5 MB, Turbo: 2.70 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 125 W, AVX Base 1.80 GHz, AVX Turbo 2.50 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 5220</td>
<td>18C: 2.20 GHz, TLC: 24.75 MB, Turbo: 2.70 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 125 W, AVX Base 1.80 GHz, AVX Turbo 2.50 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 5222</td>
<td>4C: 3.80 GHz, TLC: 16.5 MB, Turbo: 3.90 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 105 W, AVX Base 3.80 GHz, AVX Turbo 3.80 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 6222V</td>
<td>20C: 1.80 GHz, TLC: 19.25 MB, Turbo: 3.50 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 125 W, AVX Base 2.30 GHz, AVX Turbo 3.10 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 6226</td>
<td>16C: 2.90 GHz, TLC: 22 MB, Turbo: 3.60 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 2.30 GHz, AVX Turbo 3.10 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 6230</td>
<td>20C: 2.10 GHz, TLC: 27.5 MB, Turbo: 2.80 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 125 W, AVX Base 1.70 GHz, AVX Turbo 2.40 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 6230R</td>
<td>26C: 2.10 GHz, TLC: 35.75 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 1.70 GHz, AVX Turbo 2.70 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 6234</td>
<td>8C: 3.30 GHz, TLC: 24.75 MB, Turbo: 4.00 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 130 W, AVX Base 2.8 GHz, AVX Turbo 3.70 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 6238</td>
<td>22C: 2.10 GHz, TLC: 30.25 MB, Turbo: 3.70 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 140 W, AVX Base 1.70 GHz, AVX Turbo 2.50 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 6242</td>
<td>16C: 2.80 GHz, TLC: 22 MB, Turbo: 3.50 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 2.30 GHz, AVX Turbo 3.10 GHz</td>
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<tr>
<td>Intel® Xeon® Gold 6252</td>
<td>24C: 2.10 GHz, TLC: 35.75 MB, Turbo: 2.80 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 1.70 GHz, AVX Turbo 2.40 GHz</td>
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</tbody>
</table>

**Memory slots**: 16 (8 DIMMs per CPU, 6 channels with 2 slots per channel)

**Memory slot type**: DIMM (DDR4 / DDR-T for non-volatile memory modules)

**Memory capacity (min. - max.)**: 8 GB - 3.5 TB

**Memory protection**: Advanced ECC SDDC

**Memory notes**: Memory Mirroring Mode with identical modules in both channel pairs of a bank (4 or 6 modules per bank) per CPU.

Rank Sparing Mode with minimum of 2 modules single ranked (1R) or dual ranked (2R) or 1 module quad ranked (4R) per CPU. 2 slots populated with DCPMM modules per CPU

### Standard memory modules (for use in combination with non-volatile memory modules)

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Modules</th>
<th>Type</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>128 GB</td>
<td>1 module(s)</td>
<td>DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4</td>
<td></td>
</tr>
<tr>
<td>256 GB</td>
<td>2 module(s)</td>
<td>DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4</td>
<td></td>
</tr>
<tr>
<td>96 GB</td>
<td>6 module(s)</td>
<td>16 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4</td>
<td></td>
</tr>
<tr>
<td>64 GB</td>
<td>4 module(s)</td>
<td>16 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4</td>
<td></td>
</tr>
<tr>
<td>128 GB</td>
<td>8 module(s)</td>
<td>32 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4</td>
<td></td>
</tr>
<tr>
<td>768 GB</td>
<td>6 module(s)</td>
<td>128 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4</td>
<td></td>
</tr>
<tr>
<td>384 GB</td>
<td>6 module(s)</td>
<td>64 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4</td>
<td></td>
</tr>
<tr>
<td>256 GB</td>
<td>4 module(s)</td>
<td>64 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4</td>
<td></td>
</tr>
</tbody>
</table>

### Standard memory modules

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Modules</th>
<th>Type</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 GB</td>
<td>1 module(s)</td>
<td>8 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx8</td>
<td></td>
</tr>
<tr>
<td>16 GB</td>
<td>1 module(s)</td>
<td>16 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4</td>
<td></td>
</tr>
<tr>
<td>32 GB</td>
<td>1 module(s)</td>
<td>32 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx8</td>
<td></td>
</tr>
<tr>
<td>64 GB</td>
<td>1 module(s)</td>
<td>64 GB DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4</td>
<td></td>
</tr>
<tr>
<td>128 GB</td>
<td>1 module(s)</td>
<td>128 GB DDR4 3DS, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 8Rx4</td>
<td></td>
</tr>
</tbody>
</table>

**Notes**: 4x in PRIMERGY CX400 M4
### Interfaces

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>USB 3.x ports</td>
<td>2 x USB 3.0 (rear) with high density connector</td>
</tr>
<tr>
<td>Graphics (15-pin)</td>
<td>1 x VGA (1x rear) with high density connector</td>
</tr>
<tr>
<td>LAN / Ethernet (RJ-45)</td>
<td>2 / 1x Gbit/s Ethernet + 1x service LAN Onboard</td>
</tr>
<tr>
<td>Management LAN (RJ45)</td>
<td>Management LAN traffic can be switched to shared onboard Gbit LAN port</td>
</tr>
</tbody>
</table>

### Onboard or integrated Controller

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAID controller</td>
<td>8 Port RAID 0/1 or RAID 5/6 controller as option</td>
</tr>
<tr>
<td>SATA Controller</td>
<td>Intel® C624</td>
</tr>
<tr>
<td>LAN Controller</td>
<td>Intel® i210 onboard 10/100/1000 Mbit/s Ethernet</td>
</tr>
<tr>
<td>Remote management controller</td>
<td>IPMI 2.0 compatible Integrated Remote Management Controller (iRMC S5, 512 MB attached memory incl. graphics controller)</td>
</tr>
<tr>
<td>Trusted Platform Module (TPM)</td>
<td>optional TPM</td>
</tr>
</tbody>
</table>

### Slots (Base unit specific)

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCI-Express 3.0 x16</td>
<td>2 x low profile PCIe 3.0 x16 slots (via riser card)</td>
</tr>
</tbody>
</table>

### Drive bays

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage drive bays</td>
<td>up to 6x 2.5-inch (in the PRIMERGY CX400 M4 chassis)</td>
</tr>
<tr>
<td>Storage drive bay configuration</td>
<td>up to 6x 2.5” HDD/SSD devices can be installed in CX400 M4 and 2x M.2 device can be installed in CX2560 M4 node</td>
</tr>
</tbody>
</table>

### General system information

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan configuration</td>
<td>Redundant and hot-plug fans part of CX400 M4 chassis</td>
</tr>
</tbody>
</table>

### Operating panel

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating buttons</td>
<td>On/off switch ID button</td>
</tr>
<tr>
<td>Status LEDs</td>
<td>Power (green) System status (orange) LAN speed (green / yellow) LAN connection (green) Identification (blue)</td>
</tr>
</tbody>
</table>

### BIOS

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOS features</td>
<td>UEFI compliant Legacy BIOS compatibility customer configuration option IPMI support BIOS settings save and restore Remote iSCSI boot support Remote PXE boot support</td>
</tr>
</tbody>
</table>
Operating Systems and Virtualization Software

Certified or supported operating systems and virtualization software

- Windows Server 2022 Datacenter
- Windows Server 2022 Standard
- Windows Server 2019 Datacenter
- Windows Server 2019 Standard
- Windows Server 2019 Essentials
- Hyper-V Server 2016
- Windows Server 2016 Datacenter
- Windows Server 2016 Standard
- Windows Server 2016 Essentials
- VMware vSphere™ 8.0
- VMware vSphere™ 7.0
- VMware vSphere™ 6.7
- VMware vSphere™ 6.5
- SUSE® Linux Enterprise Server 15
- SUSE® Linux Enterprise Server 12
- Red Hat® Enterprise Linux 8
- Red Hat® Enterprise Linux 7
- Oracle® Linux 7
- Oracle® VM 3

Operating system release link: http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473

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
- ServerView Suite
- Infrastructure Manager (ISM)
  - Essential Edition
  - Advanced Edition

Management notes:
For further information regarding ISM and ServerView Suite see dedicated data sheets.

Manageability link: http://docs.ts.fujitsu.com/dl.aspx?id=9e92297a-16fb-4c69-8559-e38e7b42f6ee

Dimensions

- Dimensions (W x D x H): 174.3 x 580 x 40.5 mm
- Height Unit Rack: 1 U
- Weight: 4.5 kg
- Node size: 1 U half wide

Environment

- Operating ambient temperature: 5 - 35 °C
- Operating relative humidity: 10 - 85 % (non condensing)
- Temperature and humidity notes: Air cooling can support up to 165W CPU
- Maximum altitude: 3,000 m
- Operating environment: FTS 04230 – Guideline for Data Center (installation specification)

Compliance

- Global
  - CB
  - RoHS (Substance limitations in accordance with global RoHS regulations)
  - WEEE (Waste electrical and electronical equipment)
  - IEC 60950

Dimensions link: http://docs.ts.fujitsu.com/dl.aspx?id=9e92297a-16fb-4c69-8559-e38e7b42f6ee


Compliance link: http://docs.ts.fujitsu.com/dl.aspx?id=4e813edf-4a27-461a-8184-983092c12db7
**Compliance**

Europe
- CE Class A *
  - EN 60950 - 1
  - EN 50371
  - EN 55022
  - EN 61000-3-3
  - EN 55024

USA/Canada
- UL/CSA
  - ICES-003 / NMB-003 Class A

Japan
- VCCI Class A

Taiwan
- CNS 13436
- CNS 13438 class A

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**

**Hard disk drives**
- 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, 2.5-inch, business critical
- HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical

**Hard disk drives**
- HDD SAS, 12 Gb/s, 900 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
- 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, 512n, hot-plug, 2.5-inch, enterprise
- HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
- HDD SAS, 12 Gb/s, 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, 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, 512e, hot-plug, 2.5-inch, enterprise
- HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
Solid-State-Drive

SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.5 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive per day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD M.2 SATA, 6 Gb/s, 256 GB, non hot plug, enterprise, 0.13 DWPD (Drive Writes Per Day for 5 years)
SSD M.2 SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 0.13 DWPD (Drive Writes Per Day for 5 years)
SSD M.2, 6 Gb/s, 32 GB, non hot plug, enterprise

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)
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)
SSD SAS, 12 Gb/s, 400 GB, Mixed-use, 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)
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, 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, 1.6 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

Fujitsu PSAS CP400i SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8
Broadcom® PSAS CP503i LP SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8
### RAID Controller
- **Fujitsu PRAID EP520i LP**, 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 SAS3516
- **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
- **Broadcom® PSAS CP5000e LP**, SAS Ctrl., SAS/SATA 12 Gbit/s, 8 ports ext.
- **Broadcom® PRAID CP500i LP**, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, No FBU support

### Fibre Channel controller
- **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 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**
- **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 2 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market** max. one IB HCA 100Gb controller can be installed (Mellanox)

### Communication, Network
- **Omni Path 1 x PCIe 3.0 x16 (Intel®)**

### Warranty
- **Warranty period** 3 years
- **Warranty type** Onsite warranty
- **Recommended Service** 24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.
- **Service Lifecycle** at least 5 years after shipment, for details see https://support.ts.fujitsu.com/
- **Service Weblink** https://www.fujitsu.com/emeia/support/
More information

Fujitsu products, solutions & services
In addition to Fujitsu PRIMERGY CX2560 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
Build 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 offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation’s reliability.

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Software
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More information
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www.fujitsu.com/primergy

Fujitsu green policy innovation
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Please find further information at http://www.fujitsu.com/global/about/environment

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