

# Data Sheet

## FUJITSU Server PRIMERGY CX2550 M5 Multi-node Server

High-performance computing optimized node for scale-out workloads

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 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.

The PRIMERGY CX multi-node systems are the ideal basis for cloud, hyper-converged and high performance computing solutions. They provide data centers as well as branch offices with massive computing power while at the same time delivering best economics for server density, energy consumption, heat optimization and lower overall operating costs.

### PRIMERGY CX2550 M5

The FUJITSU Server PRIMERGY CX2550 M5 is the cost-effective system within the modular multi-node server offering that keeps pace with your growth and provides the flexibility to adapt to various high-performance and technical computing workloads. This dual-socket server node is equipped with the latest generation of the Intel® Xeon® Processor Scalable Family that delivers high performance (up to 205W TDP), three UPI links per socket as well as a high core count of up to 28 cores per CPU. It allows the use of high memory bandwidth of up to 2933MT/s ideal for memory intensive HPC workloads. Moreover, both standard DDR4 memory modules as well as the

new revolutionary Intel® Optane™ DC Persistent Memory can be used. 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. In order to best meet the needs of HPC environments, in particular the requirement for high density, the node can be used with both standard air cooling and liquid cooling. The PRIMERGY CX400 M4 enclosure, in which the CX2550 M5 node is used, allows the sharing of power and cooling to reduce costs. The CX400 M4 is a modular 2U shared infrastructure chassis for up to four nodes with all the traditional data center attributes such as standard 19" racks, cabling and rear-aisle serviceability access.



# Features & Benefits

| Main Features   | Benefits  |
|---|---|
| <p><b>New efficiency for performance bottlenecks</b></p> <ul style="list-style-type: none"> <li>Wide choice of different types of Intel® Xeon® Scalable Processor Family. Each processor offers up to 28 cores, up to 56 threads, 12 memory channels as well as 48 PCIe lanes per socket enabling a significantly higher performance and efficiency. In addition to the already mentioned features, the socket interconnect speed has been increased to 10.4 GT/s.</li> </ul> <p><b>Increased DDR4 memory bandwidth</b></p> <ul style="list-style-type: none"> <li>Up to 2048 GB DDR4 memory with 16 DIMM slots. The Intel Xeon processors support 6 memory channels per socket (2 slots per channel) with faster memory support of max. 2.933 MT/s.</li> </ul> <p><b>Revolutionizing memory and storage</b></p> <ul style="list-style-type: none"> <li>Intel® Optane™ DC persistent memory is an innovative memory technology that delivers a unique combination of affordable large capacity and persistence (non-volatility). It revolutionizes the data center memory-storage hierarchy of the past and brings massive data sets closer to the CPU for faster time to insight. Along with DDR4 memory technology up to 4x Intel® Optane™ DC Persistent Memory NV-DIMM modules are supported per server node for a total memory capacity of more than 3.5TB.</li> </ul> <p><b>Improve power and cooling efficiency</b></p> <ul style="list-style-type: none"> <li>Featuring 4 nodes in a 2U form factor, the Cool-central® Liquid Cooling Technology supports the use of higher wattage processors, energy efficiency and rack-level density for today's modern data centers.</li> </ul> <p><b>Comprehensive expansion options</b></p> <ul style="list-style-type: none"> <li>Two PCIe Gen3 x16 expansion slots for RAID, Ethernet Fibre Channel and Infiniband controllers, optional Trusted Platform Module (TPM) and a large selection of different operating systems to adapt to different needs.</li> </ul> | <ul style="list-style-type: none"> <li>Ready for the future and data growth scenarios with the performance of two processors – marking the standard of tomorrow with an increase in computing power. Several innovations make this new CPU generation (code-named "Cascade Lake") even more powerful than the current-generation Intel® Xeon® Scalable processors, enabling robust compute capability and increased memory bandwidth for demanding workloads.</li> <li>Enhanced DDR4 memories enables higher bandwidth and lower consumption. The right choice for any application.</li> <li>Delivered with the next-generation Intel® Xeon® Scalable processor (code-named "Cascade Lake"), the Intel® Optane™ DC persistent memory technology will transform critical data workloads – from cloud and databases, to in-memory analytics, and content delivery networks.</li> <li>The CX2550 M5 equipped with liquid cooling allows customers to accelerate application and workload performance and reduce power costs while dramatically increasing rack density.</li> <li>Despite it's high density, the server node offers the widest variety of options in order to be able to optimally integrate with individual requirements and to adapt to changing conditions.</li> </ul> |

# Technical details

## PRIMERGY CX2550 M5

|               |                                |                                   |
|---------------|--------------------------------|-----------------------------------|
| Base unit     | PRIMERGY CX2550 M4 air cooling | PRIMERGY CX2550 M4 liquid cooling |
| Housing types | Air-cooled node                | Liquid-cooled node                |
| Product Type  | Dual Socket 1U Server Node     | Dual Socket 1U Server Node        |

## Mainboard

|                             |  |
|-----------------------------|--|
| Mainboard type              | D 3853   |
| Chipset                     | Intel® C621                                    |
| Processor quantity and type | 1 - 2 x Intel® Xeon® Processor Scalable Family |

## Intel® Xeon® Gold Processor

|  |
|--|
| Intel® Xeon® Gold 5215 (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)   |
| Intel® Xeon® Gold 5215M (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)  |
| Intel® Xeon® Gold 5217 (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)      |
| Intel® Xeon® Gold 5218 (16C, 2.30 GHz, TLC: 22 MB, Turbo: 2.80 GHz, 10.4 GT/s, Mem bus: 2,666 MHz, 125 W, AVX Base 1.80 GHz, AVX Turbo 2.30 GHz)     |
| Intel® Xeon® Gold 5220 (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)  |
| Intel® Xeon® Gold 5222 (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)    |
| Intel® Xeon® Gold 6230 (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 1.60 GHz, AVX Turbo 2.40 GHz)   |
| Intel® Xeon® Gold 6240 (18C, 2.60 GHz, TLC: 24.75 MB, Turbo: 3.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 2.00 GHz, AVX Turbo 2.80 GHz)  |
| Intel® Xeon® Gold 6240Y (18C, 2.60 GHz, TLC: 24.75 MB, Turbo: 3.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 2.00 GHz, AVX Turbo 2.80 GHz) |
| Intel® Xeon® Gold 6242 (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)     |
| Intel® Xeon® Gold 6244 (8C, 3.60 GHz, TLC: 24.75 MB, Turbo: 4.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 3.00 GHz, AVX Turbo 3.90 GHz)   |
| Intel® Xeon® Gold 6248 (20C, 2.50 GHz, TLC: 27.5 MB, Turbo: 3.20 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 150 W, AVX Base 1.90 GHz, AVX Turbo 2.80 GHz)   |
| Intel® Xeon® Gold 6252 (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)  |
| Intel® Xeon® Gold 6254 (18C, 3.10 GHz, TLC: 24.75 MB, Turbo: 3.90 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 200 W, AVX Base 2.70 GHz, AVX Turbo 3.40 GHz)  |

|  |   |
|--|---|
| <b>Intel® Xeon® Platinum Processor</b>   | Intel® Xeon® Platinum 8260 (24C, 2.40 GHz, TLC: 35.75 MB, Turbo: 3.10 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.90 GHz, AVX Turbo 2.60 GHz)<br>Intel® Xeon® Platinum 8260M (24C, 2.40 GHz, TLC: 35.75 MB, Turbo: 3.10 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.90 GHz, AVX Turbo 2.60 GHz)<br>Intel® Xeon® Platinum 8260Y (24C, 2.40 GHz, TLC: 35.75 MB, Turbo: 3.10 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.80 GHz, AVX Turbo 2.50 GHz)<br>Intel® Xeon® Platinum 8268 (24C, 2.90 GHz, TLC: 35.75 MB, Turbo: 3.50 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 205 W, AVX Base 2.40 GHz, AVX Turbo 3.00 GHz)<br>Intel® Xeon® Platinum 8270 (26C, 2.70 GHz, TLC: 35.75 MB, Turbo: 3.40 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 205 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz)<br>Intel® Xeon® Platinum 8276 (28C, 2.20 GHz, TLC: 38.5 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.70 GHz, AVX Turbo 2.60 GHz)<br>Intel® Xeon® Platinum 8276M (28C, 2.20 GHz, TLC: 38.5 MB, Turbo: 3.00 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 165 W, AVX Base 1.70 GHz, AVX Turbo 2.60 GHz)<br>Intel® Xeon® Platinum 8280 (28C, 2.70 GHz, TLC: 38.5 MB, Turbo: 3.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 205 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz)<br>Intel® Xeon® Platinum 8280M (28C, 2.70 GHz, TLC: 38.5 MB, Turbo: 3.30 GHz, 10.4 GT/s, Mem bus: 2,933 MHz, 205 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz) |
| <b>Memory slots</b>  | 16 (8 DIMMs per CPU, 6 channels with 2 slots per channel)   |
| <b>Memory slot type</b>  | DIMM (DDR4 / DDR-T for non-volatile memory modules)   |
| <b>Memory capacity (min. - max.)</b>   | 8 GB - 3.5 TB   |
| <b>Memory protection</b>   | Advanced ECC<br>SDDC  |
| <b>Memory notes</b>  | Memory Mirroring Mode with identical modules in both channel pairs of a bank (4 or 6 modules per bank) per CPU.<br>Rank Sparing Mode with minimum of 2 modules single ranked (1R) or dual ranked (2R) or 1 module quad ranked (4R) per CPU.<br>2 slots populated with DCPMM modules per CPU   |
| <b>Memory capacity (min. - max.)</b>   | 8 GB - 2048 GB  |
| <b>Non-volatile memory modules</b>   | 256 GB (2 module(s) 128 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 1Rx4<br>512 GB (2 module(s) 256 GB) DDR-T, registered, ECC, 2,666 MT/s, NVM, DCPMM, 2Rx4  |
| <b>Standard memory modules (for use in combination with non-volatile memory modules)</b> | 96 GB (6 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4<br>64 GB (4 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4<br>192 GB (6 module(s) 32 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4<br>128 GB (4 module(s) 32 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4<br>768 GB (6 module(s) 128 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4<br>384 GB (6 module(s) 64 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4<br>256 GB (4 module(s) 64 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4   |
| <b>Standard memory modules</b>   | 8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx8<br>16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 1Rx4<br>16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx8<br>32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, DIMM, 2Rx4<br>64 GB (1 module(s) 64 GB) DDR4, registered, ECC, 2,933 MT/s, PC4-2933, LRDIMM, 4Rx4   |
| <b>Upgrade notes</b>   | 4x in PRIMERGY CX400 M4   |
| <b>Interfaces</b>  |   |
| <b>USB 3.0 ports</b>   | 2 x USB 3.0 (rear) with high density connector  |
| <b>Graphics (15-pin)</b>   | 1 x VGA (1x rear) with high density connector   |
| <b>LAN / Ethernet (RJ-45)</b>  | 2 / 1x Gbit/s Ethernet + 1x service LAN Onboard   |
| <b>Management LAN (RJ45)</b>   | Management LAN traffic can be switched to shared onboard Gbit LAN port  |
| <b>Onboard or integrated Controller</b>  |   |
| <b>RAID controller</b>   | 8 Port RAID 0/1 or RAID 5/6 controller as option  |
| <b>SATA Controller</b>   | Intel® C621   |

**Onboard or integrated Controller**

|                               |  |
|-------------------------------|--|
| LAN Controller                | Intel® i210 onboard<br>10/100/1000 Mbit/s Ethernet   |
| Remote management controller  | IPMI 2.0 compatible<br>Integrated Remote Management Controller (iRMC S5, 512 MB attached memory incl. graphics controller) |
| Trusted Platform Module (TPM) | optional TPM   |

**Slots (Base unit specific)**

|                     |   |                     |
|---------------------|---|---------------------|
| PCI-Express 3.0 x16 | 2 x low profile PCIe 3.0 x16 slots (via riser card) | 1 x for low profile |
|---------------------|---|---------------------|

**Drive bays**

|                                 |  |
|---------------------------------|--|
| Storage drive bays              | up to 2x 2.5-inch (in the PRIMERGY CX400 M4 chassis)   |
| Storage drive bay configuration | up to 2x 2.5" HDD/SSD device can be installed in CX400 M4 and 2x M.2 device can be installed in CX2550 M5 node |

**General system information**

|                   |  |
|-------------------|--|
| Fan configuration | Redundant and hot-plug fans part of CX400 M4 chassis |
|-------------------|--|

**Operating panel**

|                   |  |
|-------------------|--|
| Operating buttons | On/off switch<br>ID button   |
| Status LEDs       | Power (green)<br>System status (orange)<br>LAN speed (green / yellow)<br>LAN connection (green)<br>Identification (blue) |

**BIOS**

|               |   |
|---------------|---|
| BIOS features | UEFI compliant<br>Legacy BIOS compatibility customer configuration option<br>IPMI support<br>BIOS settings save and restore<br>Remote iSCSI boot support<br>Remote PXE boot support |
|---------------|---|

**Operating Systems and Virtualization Software**

|                               |   |
|-------------------------------|---|
| Operating system notes        |   |
| 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> |

**Server Management and Infrastructure Management**

|                 |  |
|-----------------|--|
| <b>Standard</b> | <ul style="list-style-type: none"> <li>Infrastructure Manager (ISM) Essential                             <ul style="list-style-type: none"> <li>Node Management</li> <li>Health status Monitoring and Control</li> <li>Capacity/Threshold Management</li> <li>Power Management</li> <li>Converged Management</li> <li>Auto Discovery</li> <li>Remote Management</li> <li>Update Management</li> <li>Logging and Auditing</li> </ul> </li> <li>ServerView Suite (Control)                             <ul style="list-style-type: none"> <li>ServerView Operations Manager (incl. PDA and ASR &amp; R)</li> <li>ServerView Agents and CIM provider</li> <li>ServerView Agentless Management</li> <li>ServerView System Monitor</li> <li>SVOM- Event Manager</li> <li>ServerView RAID Manager</li> <li>SVOM- Threshold Manager</li> <li>Power Management (iRMC)</li> <li>Power Monitor (monitoring the Power Consumption)</li> <li>Storage Management (server) with SVOM/SV-RAID</li> </ul> </li> <li>ServerView Suite (Maintain)                             <ul style="list-style-type: none"> <li>iRMC S5 (Remote Management)</li> <li>Performance management (SVOM)</li> <li>Asset Management</li> <li>Primecollect</li> <li>Customer Self Service</li> <li>Online Diagnostics</li> </ul> </li> <li>ServerView Suite (Integrate)                             <ul style="list-style-type: none"> <li>ServerView Integration packs for MS System Center, VMware vCenter, VMware vRealize, Nagios, and HP SIM</li> </ul> </li> </ul> |
| <b>Option</b>   | <ul style="list-style-type: none"> <li>Infrastructure Manager (ISM)                             <ul style="list-style-type: none"> <li>Automate device configuration</li> <li>Mass OS installation</li> <li>Node Management</li> <li>Health status Monitoring and Control</li> <li>Capacity/Threshold Management</li> <li>Power Management</li> <li>Converged Management</li> <li>Auto Discovery</li> <li>Virtual-IO Management</li> <li>Network topology Management</li> <li>Remote Management</li> <li>Update Management</li> <li>Logging and Auditing</li> <li>Integrate in to                                     <ul style="list-style-type: none"> <li>Enterprise Management</li> <li>Vendor specific Management</li> <li>Monitor 3rd party platforms</li> </ul> </li> </ul> </li> <li>ServerView Suite (Maintain)                             <ul style="list-style-type: none"> <li>ServerView eLCM</li> <li>iRMC Advanced Pack incl. Advanced Video Redirection (AVR), video capturing and Virtual Media</li> </ul> </li> </ul>   |

**Dimensions**

|                               |                       |
|-------------------------------|-----------------------|
| <b>Dimensions (W x D x H)</b> | 174.3 x 580 x 40.5 mm |
| <b>Weight</b>                 | 4.5 kg                |
| <b>Node size</b>              | 1 U half wide         |

**Environment**

|                                       |  |
|---------------------------------------|--|
| <b>Operating ambient temperature</b>  | 5 - 35 °C                              |
| <b>Operating relative humidity</b>    | 10 - 85 % (non condensing)             |
| <b>Temperature and humidity notes</b> | Air cooling can support up to 165W CPU |
| <b>Maximum altitude</b>               | 3,000 m                                |

| Environment                |   |
|----------------------------|---|
| 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>   |
| Compliance                 |   |
| Global                     | CB<br>RoHS (Substance limitations in accordance with global RoHS regulations)<br>WEEE (Waste electrical and electronical equipment)<br>IEC 60950  |
| Europe                     | CE Class A *<br>EN 60950 - 1<br>EN 50371<br>EN 55022<br>EN 61000-3-3<br>EN 55024  |
| USA/Canada                 | UL/CSA<br>ICES-003 / NMB-003 Class A  |
| Japan                      | VCCI Class A  |
| Taiwan                     | CNS 13436<br>CNS 13438 class A  |
| Compliance link            | <a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>   |
| Compliance notes           | There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request.<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

|                   |  |
|-------------------|--|
| 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   |
| Solid-State-Drive | 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 DWPD (drive writes per day for 5 years)         |
|                   | SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)  |
|                   | SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)       |
|                   | SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 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, 3.6 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 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 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)                   |

|   |   |
|---|---|
| <b>RAID Controller</b>                                  | SAS Ctrl., SAS/SATA 12 Gbit/s, Fujitsu PSAS CP400i, 8 ports int.<br>RAID level: 0,1, No FBU support   |
|   | LSI PSAS CP400e LP, SAS Ctrl., SAS/SATA 12 Gbit/s, 8 ports ext.<br>RAID level: , No FBU support   |
|   | Fujitsu PRAID EP420i, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int.<br>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.<br>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.<br>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.<br>RAID level: 0, 1, 1E, 10, 5, 50, No FBU support   |
| <b>Communication, Network</b>                           | Ethernet Ctrl. 1 x 100 Gbit/s PCIe 3.0 x16 QSFP28 ( Cavium )  |
|   | Ethernet Ctrl. 1 x 100 Gbit/s PCIe 3.0 x16 QSFP28 ( Mellanox )  |
|   | Ethernet Ctrl. 2 x 10 Gbit/s ; 1 Gbit/s PCIe 3.0 x8 RJ45 ( Intel® )   |
|   | Ethernet Ctrl. 2 x 10 Gbit/s / 25 Gbit/s PCIe 3.0 x8 SFP28 ( Cavium )   |
|   | Ethernet Ctrl. 2 x 10 Gbit/s / 25 Gbit/s PCIe 3.0 x8 SFP28 ( Intel® )   |
|   | Ethernet Ctrl. 2 x 10 Gbit/s / 25 Gbit/s PCIe 3.0 x8 SFP28 ( Mellanox )   |
|   | Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ ( Intel® )  |
|   | Ethernet Ctrl. 2 x 1 Gbit/s PCIe 2.1 x4 RJ45 ( Intel® )   |
|   | Ethernet Ctrl. 4 x 10 Gbit/s ; 1 Gbit/s PCIe 3.0 x8 RJ45 ( Intel® )   |
|   | Ethernet Ctrl. 4 x 10 Gbit/s PCIe 3.0 x8 SFP+ ( Intel® )  |
|   | Ethernet Ctrl. 4 x 1 Gbit/s PCIe 2.1 x4 RJ45 ( Intel® )   |
|   | Omni Path 1 x PCIe 3.0 x16 ( Intel® )   |
| <b>Warranty</b>   |   |
| <b>Warranty period</b>                                  | 3 years   |
| <b>Warranty type</b>                                    | Onsite warranty   |
| <b>Product Support Services - the perfect extension</b> |   |
| <b>Recommended Service</b>                              | 24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.   |
| <b>Service Lifecycle</b>                                | 5 years after end of product life   |
| <b>Service Weblink</b>                                  | <a href="https://www.fujitsu.com/emeia/support/">https://www.fujitsu.com/emeia/support/</a>   |



# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Server PRIMERGY CX2550 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.

### 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 Server PRIMERGY CX2550 M5, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/primergy](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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