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. PRIMERGY server 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 M7

The PRIMERGY Server CX2560 M7 is a dual-socket x86 system designed for high performance with the latest generation of powerful processors, large memory capacity and scalable I/O resources in a small footprint. This combination made this server into an ideal all-rounder for virtualization and cloud scenarios. The multi-node system supports the 5th Generation Intel® Xeon® Scalable Processors and delivers up to 32 cores per CPU and 4 UPI links the best performance for your workloads. To keep high-performance applications running smoothly, the CX2560 M7 offers space for 24 DIMM modules with a bandwidth of up to 4800 MT/s. Get the storage flexibility and choose between 6x SAS/SATA/NVMe or 6xNVMe storage drives per node. The PRIMERGY CX2560 M7 supports the new PCIe 5th generation with 3 slots and also provide a TPM and dedicated RAID module slot. A DynamicLoM adapter based on the new OPC V3 technology is seamless integrated in the system and makes your business ready for future changes.

The PRIMERGY CX400 M7 enclosure, in which the CX2560 M7 node is used, allows the sharing of power and cooling to reduce costs. The CX400 M7 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. It is the ideal solution which keeps pace with your growth and provides the flexibility to adapt to various virtualization and cloud scenarios.
Features & Benefits

<table>
<thead>
<tr>
<th>Main Features</th>
<th>Benefits</th>
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<tbody>
<tr>
<td>Compact and modular foundation</td>
<td>With PRIMERGY CX400 M7 together with the CX2560 M7 node, you get much more server density in combination with high performance and best of data secure. It is the ideal solution for virtualization and cloud scenarios. In case the requirements change, it is possible to gradually add or remove server nodes as required by your business needs.</td>
</tr>
<tr>
<td>The PRIMERGY CX2560 M7 together with the PRIMERGY CX400 M7 chassis is Fujitsu's densest computing solution. There is room for up to four 1U dual-socket server nodes plus up to 24 storage drives. The CX400 M7 allows nodes and components to share power, cooling and management. Hot-plug and redundant power supply units and fan modules ensure maximum reliability.</td>
<td>Ready for the future and data growth scenarios with the performance of up to two processors per node. Make the standard of tomorrow with an increase in computing power. With the new Intel® Xeon® processor generation, you get more performance on a small density.</td>
</tr>
<tr>
<td>The PRIMERGY CX2560 M7 comes with latest 5th Generation Intel® Xeon® processors that delivers high performance (up to 270W TDP), three UPI links per socket as well as a high core count of up to 32 cores per CPU.</td>
<td>With DDR5 memory the CX2560 M7 delivers a unique combination of affordable large capacity and high performance. It helps businesses drive innovation, process more data and make better decisions while lowering total cost and protecting data.</td>
</tr>
<tr>
<td>Increased power with lower consumption</td>
<td>Be ready for future changes and combine high-performance PCIeSSD with normal SATA/SAS drive or choose only the PCIeSSD for your IT environment. No matter what, you will not only reduce latency but also improve the data transfer speed of your IT infrastructure.</td>
</tr>
<tr>
<td>24 memory slots in total supporting 6TB memory with DDR5 DIMM modules (@ 4,800 MT/s) . Persistent memory improves workload performance and power efficiency while reducing data loss and downtime with enhanced error handling. The modules revolutionizes the data center memory-storage hierarchy of the past and bring massive data sets closer to the CPU for faster time to insight.</td>
<td></td>
</tr>
<tr>
<td>Easy Expandability</td>
<td></td>
</tr>
<tr>
<td>Meet future demands and have the ability to scale easily your server system for your business needs. The PRIMERGY CX2560 M7 come with the base units of 6x2.5'' of SAS/SATA/NVMe or 6x2.5'' NVMe drives. In total, you have room for up to 24x storage drives in a CX400 M7 chassis with four CX2560 M7 nodes.</td>
<td></td>
</tr>
</tbody>
</table>
## Technical details

### PRIMERGY CX2560 M7

<table>
<thead>
<tr>
<th>Base unit</th>
<th>PRIMERGY CX2560 M7 air cooling</th>
<th>PRIMERGY CX2560 M7 all NVMe</th>
<th>PRIMERGY CX2560 M7 air cooling all SSD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing types</td>
<td>Air-cooled node</td>
<td>Air-cooled node</td>
<td>Air-cooled node</td>
</tr>
<tr>
<td>Product Type</td>
<td>Dual Socket 1U Server Node</td>
<td>Dual Socket 1U Server Node</td>
<td>Dual Socket 1U Server Node</td>
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</tbody>
</table>

#### Mainboard

- **Mainboard type**: D 3989
- **Chipset**: Intel® C741
- **Processor quantity and type**: 1 - 2 x Intel® Xeon® Silver 4xxx processor / Intel® Xeon® Gold 5xxx processor / Intel® Xeon® Gold 6xxx processor

#### Intel® Xeon® Bronze Processor

- Intel® Xeon® Bronze 3408U (8C, 1.8 GHz, TLC: 22.5 MB, Turbo: 1.90 GHz, 16 GT/s, 4,000MHz, 125 W)
- Intel® Xeon® Bronze 3508U (8C/16T, 2.1 GHz, TLC: 22.5 MB, Turbo: 2.20 GHz, 4,400MHz, 125 W)

#### Intel® Xeon® Silver Processor

- Intel® Xeon® Silver 4410T (10C, 2.7 GHz, TLC: 26.25 MB, Turbo: 3.40 GHz, 16 GT/s, 4,000MHz, 150 W)
- Intel® Xeon® Silver 4410Y (12C, 2.0 GHz, TLC: 30 MB, Turbo: 2.90 GHz, 16 GT/s, 4,000MHz, 150 W)
- Intel® Xeon® Silver 4416+ (20C, 2.0 GHz, TLC: 37.5 MB, Turbo: 2.90 GHz, 16 GT/s, 4,000MHz, 165 W)
- Intel® Xeon® Silver 4509Y (8 Cores / 16 Threads, 2.6 GHz, TLC: 22.5 MB, Turbo: 3.60 GHz, 16 GT/s, 4,400MHz, 125 W)
- Intel® Xeon® Silver 4510 (12C/24T, 2.4 GHz, TLC: 30 MB, Turbo: 3.30 GHz, 16 GT/s, 4,400MHz, 150 W)
- Intel® Xeon® Silver 4510T (12C/24T, 2.0 GHz, TLC: 30 MB, Turbo: 2.80 GHz, 16 GT/s, 4,400MHz, 115 W)
- Intel® Xeon® Silver 4514Y (16C/32T, 2.0 GHz, TLC: 30 MB, Turbo: 2.60 GHz, 16 GT/s, 4,400MHz, 150 W)
- Intel® Xeon® Silver 4516Y+ (24C/48T, 2.2 GHz, TLC: 45 MB, Turbo: 2.90 GHz, 16 GT/s, 4,400MHz, 185 W)

#### Intel® Xeon® Gold Processor

- Intel® Xeon® Gold 5412U (24C, 2.1 GHz, TLC: 45 MB, Turbo: 2.90 GHz, 16 GT/s, 4,400MHz, 185 W)
- Intel® Xeon® Gold 5415+ (8C, 2.9 GHz, TLC: 22.5 MB, Turbo: 3.60 GHz, 16 GT/s, 4,400MHz, 150 W)
- Intel® Xeon® Gold 5416S (16C, 2.0 GHz, TLC: 30 MB, Turbo: 2.80 GHz, 16 GT/s, 4,400MHz, 150 W)
- Intel® Xeon® Gold 5418N (24C, 1.8 GHz, TLC: 45 MB, Turbo: 2.60 GHz, 16 GT/s, 4,000MHz, 165 W)
- Intel® Xeon® Gold 5418Y (24C, 2.0 GHz, TLC: 45 MB, Turbo: 2.80 GHz, 16 GT/s, 4,400MHz, 185 W)
- Intel® Xeon® Gold 5512U (28C, 2.1 GHz, TLC: 52.5 MB, Turbo: 3.00 GHz, 4,800MHz, 185 W)
- Intel® Xeon® Gold 5515+ (8C, 3.2 GHz, TLC: 22.5 MB, Turbo: 3.60 GHz, 20 GT/s, 4,800MHz, 165 W)
- Intel® Xeon® Gold 6426Y (16C, 2.5 GHz, TLC: 37.5 MB, Turbo: 3.30 GHz, 16 GT/s, 4,800MHz, 185 W)
- Intel® Xeon® Gold 6428N (32C, 1.8 GHz, TLC: 60 MB, Turbo: 2.50 GHz, 16 GT/s, 4,000MHz, 185 W)

### Processor

- N/A
- Intel® Xeon® Silver processor 4516Y+ (24C/48T, 2.2 GHz, up to 2.9 GHz, 16 GT/s)
- Intel® Xeon® Silver processor 4514Y (16C/32T, 2.0 GHz, up to 2.6 GHz, 16 GT/s)
- Intel® Xeon® Silver processor 4510T (12C/24T, 2.0 GHz, up to 2.8 GHz, 16 GT/s)
- Intel® Xeon® Silver processor 4510 (12C/24T, 2.4 GHz, up to 3.3 GHz, 16 GT/s)
- Intel® Xeon® Silver processor 4509Y (8 Cores / 16 Threads, 2.6 GHz, up to 3.6 GHz, 16 GT/s)
- Intel® Xeon® Silver processor 4416+ (20C, 2.0 GHz, up to 2.9 GHz, 16 GT/s)
- Intel® Xeon® Silver processor 4410T (12C/24T, 2.0 GHz, up to 2.9 GHz, 16 GT/s)
- Intel® Xeon® Gold processor 6428N (32C, 1.8 GHz, up to 2.5 GHz, 16 GT/s)
- Intel® Xeon® Gold processor 6426Y (16C, 2.5 GHz, up to 3.3 GHz, 16 GT/s)
- Intel® Xeon® Gold processor 5515+ (8C, 3.2 GHz, up to 3.6 GHz, 20 GT/s)
- Intel® Xeon® Gold processor 5512U (28C, 2.1 GHz, up to 3.0 GHz)
- Intel® Xeon® Gold processor 5418Y (24C, 2.0 GHz, up to 2.8 GHz, 16 GT/s)
- Intel® Xeon® Gold processor 5418N (24C, 1.8 GHz, up to 2.6 GHz, 16 GT/s)
- Intel® Xeon® Gold processor 5416S (16C, 2.0 GHz, up to 2.8 GHz, 16 GT/s)
- Intel® Xeon® Gold processor 5415+ (8C, 2.9 GHz, up to 3.6 GHz, 20 GT/s)
- Intel® Xeon® Gold processor 5412U (24C, 2.1 GHz, up to 2.9 GHz, 16 GT/s)

### Memory slots

- 24 (12 DIMMs per CPU, 8 channels with 2 slots per channel)
- DIMM (DDR5)
### Memory

<table>
<thead>
<tr>
<th>Memory capacity (min. - max.)</th>
<th>8 GB - 6 TB</th>
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<table>
<thead>
<tr>
<th>Memory protection</th>
<th>ECC, Memory Scrubbing, SDDC, ADDDC (Adaptive Double DRAM Device Correction), Memory Mirroring support</th>
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<table>
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<tr>
<th>Memory notes</th>
<th>Support R-DIMM</th>
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</table>

<table>
<thead>
<tr>
<th>Memory capacity (min. - max.)</th>
<th>8 GB - 6144 GB, 8 GB - 6144 GB, 8 GB - 6144 GB</th>
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</table>

<table>
<thead>
<tr>
<th>Standard memory modules</th>
<th>128 GB (1 module(s) 128 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 4Rx4, 16 GB (1 module(s) 16 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 1Rx8, 256 GB (1 module(s) 256 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 8Rx4, 32 GB (1 module(s) 32 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 1Rx4, 32 GB (1 module(s) 32 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 2Rx8, 64 GB (1 module(s) 64 GB) DDR5, registered, ECC, 4,800 MT/s, PC5-38400, DIMM, 2Rx4</th>
</tr>
</thead>
</table>

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<tr>
<th>Notes</th>
<th>4x in PRIMERGY CX400 M7</th>
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</table>

### Interfaces

<table>
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<tr>
<th>Interfaces</th>
<th>2 x USB 3.0 (rear) with high density connector, 1 x VGA (1x rear) with high density connector, 1 x shared management LAN port for iRMC S6 (10/100/1000 Mbit/s), Management LAN traffic can be switched to shared onboard Gbit LAN port</th>
</tr>
</thead>
</table>

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<tr>
<th>Onboard or integrated Controller</th>
<th>8 Port RAID 0/1 or RAID 5/6 controller as option, Intel® C741, Intel X550 (Onboard LAN) (on D3989-A1x) 10/100/1000/10000 Mbit/s Ethernet, IPMI 2.0 compatible, Integrated Remote Management Controller (iRMC S6, 1024 MB attached memory incl. graphics controller), optional TPM</th>
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</table>

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<thead>
<tr>
<th>PCI-Express x8</th>
<th>2 x low profile PCIe 5.0 x16 slots (via riser card), 1x dedicated RAID slot</th>
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### Drive bays

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<tr>
<th>Drive bays</th>
<th>up to 6x 2.5-inch drive bay per node (in the PRIMERGY CX400 M7 chassis), and 2x M.2 device (in the CX2560 M7 node)</th>
</tr>
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</table>

### General system information

<table>
<thead>
<tr>
<th>General system information</th>
<th>Redundant and hot-plug fans part of CX400 M7 chassis</th>
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### Operating panel

<table>
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<tr>
<th>Operating panel</th>
<th>On/off switch, ID button, Power (DC-On: green / AC-On: white), System status (orange), LAN speed (green / yellow), LAN connection (green), Identification (blue)</th>
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</table>

<table>
<thead>
<tr>
<th>Status LEDs</th>
<th>UEFI compliant, IPMI support, BIOS settings save and restore, Remote PXE boot support</th>
</tr>
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</table>

### 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
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-e38e7b42f6e

Dimensions
Dimensions (W x D x H)
193.5 x 580.5 x 40 mm
Height Unit Rack
1 U
Weight
4.9 kg
Node size
1 U half wide

Environment
Operating ambient temperature
5 - 35 °C

Operating temperature note
PRIMERGY servers are designed for the usage with operating temperatures of up to 35°C. There could be configurations that are not able to work within this normal operation class. Please use the Fujitsu WebArchitect (www.fujitsu.com/configurator/public) to get detailed information on the corresponding configurations.

Operating relative humidity
8 - 85% (non condensin), maximum dew point 21°C (non condensing)

Temperature and humidity notes
Air cooling can support up to 165W CPU

Maximum altitude
3,050 m

Operating environment
FTS 04230 – Guideline for Data Center (installation specification)

Operating environment link

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

Europe
CE

USA/Canada
cTUVus
ICES-003 Class A
FCC Class A

Japan
VCCI Class A

South Korea
KN32
KN35

Australia/New Zealand
AS/NZS CISPR32 Class A

Taiwan
CNS 13438 class A

Compliance link
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
### SSD SAS 2.5-inch

- **SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD**
- **SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD**
- **SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD**
- **SSD SAS, 22.5Gb/s, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD**
- **SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD**
- **SSD SAS, 22.5Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD**
- **SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD**
- **SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD**
- **SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD**
- **SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD**
- **SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD**
- **SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD**
- **SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD**
- **SSD SAS, 12 Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD**
- **SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD**
- **SSD SAS, 12 Gb/s, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD**
- **SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD**
- **SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD**
- **SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD**
- **SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD**
- **SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD**

### SSD SATA 2.5-inch

- **SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD**
- **SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD**
- **SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD**
- **SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD**
- **SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD**
- **SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD**
- **SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD**
- **SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.4 DWPD**
- **SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD**
- **SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD**
- **SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD**
- **SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 1.0 DWPD**
- **SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD**
- **SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD**

### HDD 2.5-inch

- **HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise**
- **HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise**
- **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**

### PCIe SSD & SATA DOM SSD

- **PCIe-SSD SFF, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD**
- **PCIe-SSD SFF, 12.8 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD**
### SED
- SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
- SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
- SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD, SED
- SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
- SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
- SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
- SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD, SED
- HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
- 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, SED
- HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED

### SCSI / SAS Controller
- Broadcom® PSAS CP600i LP SAS Ctrl. 12 Gbit/s PCIe 3.0 x8
- Broadcom® PSAS CP600e LP SAS Ctrl. 12 Gbit/s 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, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3916
- Fujitsu PRAID EP680e LP, RAID 5/6 Ctrl., SAS 12 Gbit/s, 8 ports ext.
- RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516
- Fujitsu PRAID EP644i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU based on LSI SAS3908
- Broadcom® PRAID CP600i LP, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int.
- RAID level: 0, 1, 10, No FBU support

### Fibre Channel controller
- 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 Emulex LPE36000-M64-F MMF LC-style
- Fibre Channel Host Bus Adapter 2 x Emulex LPE36002-M64-F MMF 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

### Notes
- **Compatibility**
  - If and to the extent a list of components or certain compatibilities are specified in the product data sheet, these component lists and compatibility specifications are exhaustive. Using deviating or other system components and applications together with the product may but does not necessarily have to lead to compatibility problems. A final statement and/or commitment on the compatibility of such deviating or other system components and applications can only be provided after a corresponding verification through a dedicated compatibility testing.

- **Continuity management**
  - The product may in connection with and depending on the specific configuration include elements to support time- and performance-critical applications, however high availability (e.g., 99.9999%) and failsafe performance is not a standalone product feature. If and to the extent the product is to be used in such business-critical environments, it is within the sole responsibility of the user to set up the specific additional technical features (e.g., Storage Cluster), redundancies, and operational conditions as required to ensure such high availability or failsafe performance.

- **Security**
  - The properties of the product provide a baseline for product security and therefore end-customer IT security. However, these properties are not sufficient on their own to protect the product from all existing threats, such as intrusion attempts, data exfiltration and other forms of cyberattacks. To customize security settings, please use the configuration options as available for the respective product. During operation, the IT security of this product is within the responsibility of the respective administrator/end-user of the product. Please note, that Fujitsu as a manufacturer does not make any policy prescriptions or advocacy statements regarding IT security best practices and/or general product operation.

### Warranty
- **Manufacturer 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/
More information

Fujitsu products, solutions & services
In addition to PRIMERGY CX2560 M7, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

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