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 CX400 M7**
The Fujitsu PRIMERGY Server CX400 M7 offers a great mix of flexibility, high capacity, and top-notch performance for rapidly changing IT requirements. The modular 2U chassis provides space for up to four compact nodes that can be added or removed depending on business needs. The four server nodes are equipped with the 4th Generation Intel® Xeon® Scalable processors and offer the optimal performance for virtualization and cloud scenarios. The enclosure allows nodes and components to share power, cooling, and management. It houses hot-plug and redundant power supply units and supports hot-plug and redundant fan modules. There is room for up to 24x2.5” SAS/SATA/NVMe storage devices and provides the flexibility to scale as the business grows. The PRIMERGY CX server nodes provide the power for infrastructure virtualization, high performance and technical computing, web services, cloud computing while also serving as a foundation for hyper-converged infrastructures. With workloads and administrative tasks becoming increasingly complex, the Infrastructure Manager (ISM) and the Remote Management Controller (iRMC S6) help to manage a variety of hardware resources in data centers and converged infrastructures so you can focus on your business needs and objectives. In addition to some new software and hardware features, the server also offers an optionally lockable front bezel to avoid unauthorized physical access directly in the data center.
# Features & Benefits

## Main Features

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compact and modular foundation</strong></td>
<td>- The PRIMERGY CX400 M7 chassis is Fujitsu's densest computing solution. It can be equipped with up to 4 dual-socket server nodes in a single 2U enclosure. 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>
</tr>
<tr>
<td><strong>Superior performance in a dense form factor</strong></td>
<td>- With the PRIMERGY CX400 M7 multi-node server, you get much more server density compared to the standard rack servers. This makes it ideal for service providers - e.g. for the automotive industry to model new designs, for state and local authorities to provide citizen services or for a retailer to analyze consumer trends. In case the requirements change, the CX400 M7 makes it possible to gradually add or remove server nodes as required by your business needs.</td>
</tr>
<tr>
<td><strong>Easy scalability for rapidly changing workloads</strong></td>
<td>- The PRIMERGY CX400 M7 is a scalable IT infrastructure enabling flexible and fast response to rapidly changing IT demands. It provides an ideal platform for scale-out workloads such as virtualization, all kinds of enterprise applications, high performance computing, deep learning or data analytics. With the new generation of Intel® Xeon® Processors you get the best out of your PRIMERGY CX400 M7 server.</td>
</tr>
<tr>
<td><strong>Revolutionize data center management</strong></td>
<td>- Be ready for future changes and combine high-performance PCIe SSD with normal SATA/SAS drive or choose only the PCIe SSD for your IT environment. With the flexibility of the CX400 M7, you can easily scale your server environment to meet your business needs and requirements. No matter what, you will not only reduce latency but also improve the data transfer speed of your IT infrastructure.</td>
</tr>
</tbody>
</table>

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## Technical details

### PRIMERGY CX400 M7

<table>
<thead>
<tr>
<th></th>
<th>Chassis for CX2550 M7/CX2560 M7</th>
<th>Chassis for CX2560 M7 All NVMe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base unit</td>
<td>Chassis for CX2550 M7/CX2560 M7</td>
<td>Chassis for CX2560 M7 All NVMe</td>
</tr>
<tr>
<td>Housing types</td>
<td>24x (4 x 6) 2.5-inch</td>
<td>24x (4 x 6) 2.5-inch</td>
</tr>
<tr>
<td>Storage drive architecture</td>
<td>2.5-inch SAS/SATA/PCIe</td>
<td>2.5-inch</td>
</tr>
<tr>
<td>Power supply</td>
<td>Hot-plug</td>
<td>Hot-plug</td>
</tr>
<tr>
<td>Notes</td>
<td>b</td>
<td>b</td>
</tr>
</tbody>
</table>

**Mainboard type**

- Processor quantity and type: up to 8 x Intel® Xeon® Silver 43xx processor / Intel® Xeon® Gold 53xx processor
- Memory slots: 96
- Memory capacity (min. - max.): 12 TB

### Interfaces

- Storage drive bays: 24x 2.5" drive or HDD less configuration x 2.5-inch hot-plug

### General system information

- **Fan configuration**: 10x hot-plug and redundant fans modules with 9+1 redundancy
- **Fan notes**: System operation also in degraded mode
- **Number of fans**: 10
- **Fan configuration**: 9+1 Redundancy and Hotplug
- **Fan notes**: Hotplug operation requires cable arm option

### Operating panel

- Operating buttons: On/off switch, ID button
- Status LEDs: Power (DC-On: green / AC-On: white), Identification (blue), CSS Indicator, Global Error Indicator

### Operating system release link

- **Operating system release link**: http://docs.ts.fujitsu.com/dl.aspx?id=9e92297a-16fb-4c69-8559-e38e7b42fee6

### Dimensions / Weight

- Rack (W x D x H): 480 mm (w/ bezel) / 443.5 mm (body) x 860 x 86.5 mm
- Mounting Depth Rack: 812.8 mm

### DC Infrastructure Management


### Server Management


### Manageability link

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

### Management notes

- For further information regarding ISM and ServerView Suite see dedicated data sheets.

### 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.
### Dimensions / Weight

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height Unit Rack</td>
<td>2 U</td>
</tr>
<tr>
<td>19” rackmount</td>
<td>Yes</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 28-43 kg</td>
</tr>
<tr>
<td>Weight notes</td>
<td>Weight may vary depending on actual configuration</td>
</tr>
<tr>
<td>Rack integration kit</td>
<td>Included in System</td>
</tr>
<tr>
<td>Floor-stand (W x D x H)</td>
<td>480.8 x 443.5 x 86.5 mm</td>
</tr>
<tr>
<td>Rack (W x D x H)</td>
<td>480.8 x 443.5 x 86.5 mm</td>
</tr>
<tr>
<td>Mounting Depth Rack</td>
<td>860.0 mm</td>
</tr>
<tr>
<td>Height Unit Rack</td>
<td>2 U</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 28-43 kg</td>
</tr>
<tr>
<td>Notes</td>
<td>b</td>
</tr>
</tbody>
</table>

### Environment

**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**
10 - 85 % (non condensing)

**Maximum altitude**
3000 m

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

**Operating environment link**

**Noise emission**
According to ISO9296

**Sound power (LWAd; 1B = 10dB)**
7.6B (idle) / 7.9B (operating)

**Sound power (LWAd; 1B = 10dB)**
7.4B (idle) / 8.1B (operating)

### Electrical values

**Max. input of single power supply**
2,600 W (96% efficiency)

**Power supply configuration note**
2x PSU in 1+1 redundancy configuration. In case of one PSU fail, system might throttle to keep system running, depends on HW configuration.

**Power supply efficiency**
96 % (80 PLUS titanium)

**Rated voltage range**
100 V - 240 V

**Rated frequency range**
47 Hz - 63 Hz

**Rated current max.**
30 A with two PSU (15A per PSU)

**Electrical value notes**
Active power max. value depends on system configuration. For details see System Architect.

### Compliance

**Product**
PRIMERGY CX400 M7

**Model**
CX400D

**Global**
RoHS (Substance limitations in accordance with global RoHS regulations)
WEEE (Waste electrical and electronical 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.
Components

<table>
<thead>
<tr>
<th>Rack infrastructure</th>
<th>Cable Management 2U for PRIMECENTER- and 3rd-party racks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Warranty</strong></td>
<td></td>
</tr>
<tr>
<td>Warranty period</td>
<td>3 years</td>
</tr>
<tr>
<td>Warranty type</td>
<td>Onsite warranty</td>
</tr>
<tr>
<td><strong>Product Support - the perfect extension</strong></td>
<td></td>
</tr>
<tr>
<td>Recommended Service</td>
<td>24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.</td>
</tr>
<tr>
<td>Service Lifecycle</td>
<td>5 years</td>
</tr>
<tr>
<td>Service Weblink</td>
<td><a href="https://www.fujitsu.com/emeia/support/">https://www.fujitsu.com/emeia/support/</a></td>
</tr>
</tbody>
</table>
More information

**Fujitsu products, solutions & services**
In addition to Fujitsu PRIMERGY CX400 M7, 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/

Software
www.fujitsu.com/software/

**More information**
Learn more about Fujitsu PRIMERGY CX400 M7, 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

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