

# Data Sheet

## FUJITSU Server PRIMERGY BX2560 M1 Dual Socket Server Blade

All-in-one server blade optimized for mainstream virtualization and enterprise 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, compact and scalable blade systems, 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.

FUJITSU Server PRIMERGY BX blade systems are the perfect platform to build a converged infrastructure designed to reduce IT costs, time and efforts. PRIMERGY Blade Servers utilizes a modular architecture and contain in addition to the compute power, all required infrastructure and network components, storage capacity as well as management modules that helps companies to simplify their infrastructure, achieve significant cost reductions and increase flexibility.

### PRIMERGY BX2560 M1

The PRIMERGY BX2560 M1 is the new general-purpose, dual-socket server blade for the PRIMERGY BX400 and BX900 blade chassis.

Designed for demanding workloads, such as mail and messaging services, collaboration, enterprise applications and virtual environments, the BX2560 M1 server blade offers an ideal combination of density, efficiency and scalability. It provides increased performance and efficiency using the latest Intel® Xeon® E5-2600 v3 processor product family with up to 18 cores and 45 MB smart cache

per CPU. The new generation of DDR4 memory delivers greater reliability for enterprise-level workloads and provides higher performance with lower power requirements than previous memory technologies. The embedded dual-channel 10 Gbit/s universal converged network adapter featuring 8 physical functions per channel, usable for Ethernet, iSCSI, FCoE and RDMA over Converged Ethernet, allows allocating the network throughput to match individual application needs. The BX2560 M1 server blade offers two additional PCIe 3.0 I/O expansion slots that supports the use of the highest performing mezzanine cards, now and into the future, as well as two hot-plug 2.5-inch SAS, SATA or SSD drives.

The FUJITSU Software ServerView Suite includes the integrated Remote Management Controller (iRMC S4). This embedded feature helps administrators to manage servers in remote environments, operating in-band or out-of-band. To increase the remote functionalities, the system now supports a microSD card usable e.g. for eLCM, backup and restore. New functions such as the ServerView Embedded Lifecycle Management (eLCM) consolidates and enhances management functionalities directly available ("embedded") within the server for simplified, highly integrated and automated management processes.



# Features & Benefits

| Main Features   | Benefits   |
|---|--|
| <p><b>Improved capacity and performance to cope with data growth</b></p> <ul style="list-style-type: none"> <li>■ Up to two CPUs with up to 18 cores per chip and 45 MB cache with advanced Turbo Boost 2.0 technology, Hyper Threading, two accelerated QPI links and internal Memory Management Unit.</li> <li>■ Each Intel® QPI link provides a high-speed bandwidth of up to 9.6 GigaTransfers/second (GT/s) between the individual processors as well as the processors and the up to 16 slots for high-speed (up to 2,133 MHz) DDR4 memory, which are accessed via 4 channels per CPU.</li> <li>■ Up to two hot-plug hard disk drives with different RAID options for the connection of internal and external storage. Embedded RAID 0/1 controller with support for up to two 2.5-inch HDD/SSD connected to PCH. Optional 12 Gbit/s RAID module with 1GB Cache.</li> </ul> <p><b>Innovations which simplify the management, freeing up IT resources</b></p> <ul style="list-style-type: none"> <li>■ The FUJITSU Software ServerView Suite offers all the functions required for fail-safe, flexible and automated 24hr operations and improves productivity via intelligent system management solutions.</li> <li>■ The ServerView integrated Remote Management Controller (iRMC S4) featuring a microSD card interface for additional functionalities.</li> <li>■ Several new management functions and updates: ServerView Embedded Lifecycle Management, Agentless Management with ServerView Agentless Service, ServerView System Monitor</li> </ul> <p><b>Flexible Networking</b></p> <ul style="list-style-type: none"> <li>■ Integrated 10 Gbit/s Ethernet Universal Converged Network Adapter provides high networking bandwidth and improves flexibility with the ability to partition the bandwidth, making it ideal to suit the needs of individual applications.</li> <li>■ Two PCIe 3.0 I/O expansion slots (quad channel 1 Gbit/s or dual channel 10 Gbit/s Ethernet, dual channel 8 Gbit/s Fibre Channel, dual channel 10 Gbit/s CNA (FCoE), and dual channel 56 Gbit/s Infiniband) support the highest performing mezzanine option cards now and into the future.</li> </ul> | <ul style="list-style-type: none"> <li>■ The Intel® Xeon® processor E5-2600 v3 product family are at the heart of an agile, efficient data center that meets diverse needs.</li> <li>■ Avoid performance bottlenecks by using new DDR4 memory technology that provides higher performance with lower power requirements.</li> <li>■ High versatility of data access provides choice for the most appropriate solution in terms of costs, performance, and safety.</li> </ul> <ul style="list-style-type: none"> <li>■ The FUJITSU Software ServerView® Suite consists of a combination of mostly free-of-charge server management modules which deliver optimized deployment, permanent status monitoring and extensive control.</li> <li>■ The integrated remote management enables remote monitoring and management around the clock regardless of their system status.</li> <li>■ ServerView Embedded Lifecycle Management (eLCM) consolidates and enhances management functionalities directly available ("embedded") within the server for simplified and highly integrated management processes</li> <li>■ ServerView Agentless Service separates the networks for productive and management data for enhanced data security</li> <li>■ ServerView System Monitor is particularly designed for easy and inexpensive management of small and distributed server installations.</li> </ul> <ul style="list-style-type: none"> <li>■ Common infrastructure for network and storage reduces investment costs (fewer adapters, ports, Connection Blades and switches) as well as operational expenses for IT administration.</li> <li>■ The high I/O capacity of the server blade allows optimal use of multiple I/O protocols, ensuring smooth operations for demanding applications as well as a balanced operation of virtualized and physical servers in business-critical environments.</li> </ul> |

# Technical details

## PRIMERGY BX2560 M1

### Mainboard

|                             |   |
|-----------------------------|---|
| Mainboard type              | D3320   |
| Chipset                     | Intel® C610   |
| Processor quantity and type | 1 - 2 x Intel® Xeon® processor E5-2600 v3 product family-based platform |

### Processor

|   |
|---|
| Intel® Xeon® processor E5-2603v3 (6C/6T, 1.60 GHz, TLC: 15 MB, Turbo: No, 6.4 GT/s, Mem bus: 1,600 MHz, 85 W, AVX Base 1.30 GHz)                              |
| Intel® Xeon® processor E5-2609v3 (6C/6T, 1.90 GHz, TLC: 15 MB, Turbo: No, 6.4 GT/s, Mem bus: 1,600 MHz, 85 W, AVX Base 1.90 GHz)                              |
| Intel® Xeon® processor E5-2620v3 (6C/12T, 2.40 GHz, TLC: 15 MB, Turbo: 2.60 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 85 W, AVX Base 2.10 GHz, AVX Turbo 2.60 GHz)   |
| Intel® Xeon® processor E5-2623v3 (4C/8T, 3.00 GHz, TLC: 10 MB, Turbo: 3.30 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 105 W, AVX Base 2.70 GHz, AVX Turbo 3.30 GHz)   |
| Intel® Xeon® processor E5-2630Lv3 (8C/16T, 1.80 GHz, TLC: 20 MB, Turbo: 2.10 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 55 W, AVX Base 1.50 GHz, AVX Turbo 2.10 GHz)  |
| Intel® Xeon® processor E5-2630v3 (8C/16T, 2.40 GHz, TLC: 20 MB, Turbo: 2.60 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 85 W, AVX Base 2.10 GHz, AVX Turbo 2.60 GHz)   |
| Intel® Xeon® processor E5-2637v3 (4C/8T, 3.50 GHz, TLC: 15 MB, Turbo: 3.60 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 3.20 GHz, AVX Turbo 3.50 GHz)   |
| Intel® Xeon® processor E5-2640v3 (8C/16T, 2.60 GHz, TLC: 20 MB, Turbo: 2.80 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 90 W, AVX Base 2.20 GHz, AVX Turbo 2.80 GHz)   |
| Intel® Xeon® processor E5-2643v3 (6C/12T, 3.40 GHz, TLC: 20 MB, Turbo: 3.60 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 2.80 GHz, AVX Turbo 3.40 GHz)  |
| Intel® Xeon® processor E5-2650Lv3 (12C/24T, 1.80 GHz, TLC: 30 MB, Turbo: 2.10 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 65 W, AVX Base 1.50 GHz, AVX Turbo 2.10 GHz) |
| Intel® Xeon® processor E5-2650v3 (10C/20T, 2.30 GHz, TLC: 25 MB, Turbo: 2.60 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 105 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz) |
| Intel® Xeon® processor E5-2660v3 (10C/20T, 2.60 GHz, TLC: 25 MB, Turbo: 2.90 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 105 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz) |
| Intel® Xeon® processor E5-2667v3 (8C/16T, 3.20 GHz, TLC: 20 MB, Turbo: 3.40 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 2.70 GHz, AVX Turbo 3.30 GHz)  |
| Intel® Xeon® processor E5-2670v3 (12C/24T, 2.30 GHz, TLC: 30 MB, Turbo: 2.60 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 120 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz) |
| Intel® Xeon® processor E5-2680v3 (12C/24T, 2.50 GHz, TLC: 30 MB, Turbo: 2.90 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 120 W, AVX Base 2.10 GHz, AVX Turbo 2.80 GHz) |
| Intel® Xeon® processor E5-2683v3 (14C/28T, 2.00 GHz, TLC: 35 MB, Turbo: 2.50 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 120 W, AVX Base 1.70 GHz, AVX Turbo 2.50 GHz) |
| Intel® Xeon® processor E5-2690v3 (12C/24T, 2.60 GHz, TLC: 30 MB, Turbo: 3.10 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 2.30 GHz, AVX Turbo 3.00 GHz) |
| Intel® Xeon® processor E5-2695v3 (14C/28T, 2.30 GHz, TLC: 35 MB, Turbo: 2.80 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 120 W, AVX Base 1.90 GHz, AVX Turbo 2.60 GHz) |
| Intel® Xeon® processor E5-2697v3 (14C/28T, 2.60 GHz, TLC: 35 MB, Turbo: 3.10 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 145 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz) |
| Intel® Xeon® processor E5-2698v3 (16C/32T, 2.30 GHz, TLC: 40 MB, Turbo: 2.80 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 1.90 GHz, AVX Turbo 2.50 GHz) |
| Intel® Xeon® processor E5-2699v3 (18C/36T, 2.30 GHz, TLC: 45 MB, Turbo: 2.80 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 145 W, AVX Base 1.90 GHz, AVX Turbo 2.60 GHz) |

|                               |   |
|-------------------------------|---|
| Memory slots                  | 16 (4 channels per CPU with 2 slots each)   |
| Memory slot type              | DIMM (DDR4)   |
| Memory capacity (min. - max.) | 8 GB - 1024 GB  |
| Memory protection             | Advanced ECC<br>Memory Scrubbing<br>SDDC (Chipkill™)<br>Memory Mirroring support<br>Rank sparing memory support |

|   |   |
|---|---|
| <b>Memory options</b>                   | 8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133R, DIMM, 1Rx4   |
|   | 8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133R, DIMM, 2Rx8   |
|   | 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133R, DIMM, 2Rx4   |
|   | 32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133P, LRDIMM, 4Rx4   |
|   | 32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133R, DIMM, 2Rx4   |
|   | 64 GB (1 module(s) 64 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133P, LRDIMM, 4Rx4   |
| <b>Interfaces</b>                       |   |
| USB 2.0 ports                           | 4 (4x USB via special cable)  |
| USB 3.0 ports                           | 2 (1x USB at the front side+ 1x USB intern)   |
| Graphics (15-pin)                       | 1 x VGA at the front via special cable  |
| LAN / Ethernet                          | 2 x 10 Gbit/s or 4 x 1Gbit/s via Midplane to Ethernet Connection Blade  |
| Management LAN (RJ45)                   | Management LAN traffic can be switched to shared onboard LAN port   |
| Serial 1 (9-pin)                        |   |
| Management LAN (RJ45)                   | Management LAN traffic can be switched to shared onboard LAN port   |
| <b>Onboard or integrated Controller</b> |   |
| RAID controller                         | RAID 0/1 for internal SAS/ SATA drives  |
| SATA Controller                         | Intel® C610   |
| LAN Controller                          | Emulex OC114102. 2 x 10Gbit/s, 2 or 4 x 1Gbit/s Ethernet depending on installed Connection Blade. in 10Gbit/s mode CNA functionality with:<br>- up to 8 physical function per port<br>- optional one storage function (FCoE or iSCSI) with full offload<br>PXE-Boot via LAN from PXE server in all modes<br>FCoE and iSCSI boot in CNA mode<br>PCI-SIG SR-IOV compliant with up to 128 VFs (depending on OS support)<br>Support for VMware NetQueue and Microsoft VMQ optimizes performance for virtualized servers |
| Remote management controller            | Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller)<br>IPMI 2.0 compatible  |
| Trusted Platform Module (TPM)           | Infineon / 1.4 (option)   |
| <b>Slots</b>                            |   |
| PCI-Express 3.0 x8                      | 2 x BX900 Mezzanine card  |
| <b>Drive bays</b>                       |   |
| Storage drive bays                      | 2 x 2.5-inch hot-plug PCIe/SAS/SATA SSD or 2x 2.5-inch hot-plug SAS/SATA HDD  |
| <b>Operating panel</b>                  |   |
| Operating buttons                       | On/off switch<br>ID button  |
| Status LEDs                             | Power (amber / green)<br>System status (orange)<br>LAN connection (green)<br>Identification (blue)<br>CSS (orange)  |
| <b>BIOS</b>                             |   |
| BIOS features                           | UEFI compliant<br>Legacy BIOS compatibility customer configuration option<br>Secure boot support<br>ROM based setup utility<br>GPT support for boot drives larger than 2.2 TB<br>Memory Redundancy support (Mirroring, Sparing)<br>IPMI support<br>Recovery BIOS<br>BIOS settings save and restore<br>Local BIOS update from USB device<br>Online update tools for main Windows and Linux versions<br>Local and remote update via ServerView Update Manager<br>IPv4/IPv6 remote PXE & iSCSI boot support            |

## Eco System

BX900: Supported with MMB-FW >=5.41  
 BX400: Supported with MMB-FW >=6.75

## Operating Systems and Virtualization Software

## Certified or supported operating systems and virtualization software

Microsoft® Hyper-V Server 2012 R2  
 Microsoft® Windows Server® 2012 R2 Datacenter  
 Microsoft® Windows Server® 2012 R2 Standard  
 Microsoft® Windows Storage Server 2012 R2 Standard  
 Microsoft® Hyper-V Server 2012  
 Microsoft® Windows Server® 2012 Datacenter  
 Microsoft® Windows Server® 2012 Standard  
 Microsoft® Windows Storage Server 2012 Standard  
 Microsoft® Hyper-V™ Server 2008 R2  
 Microsoft® Windows Server® 2008 R2 Datacenter  
 Microsoft® Windows Server® 2008 R2 Enterprise  
 Microsoft® Windows Server® 2008 R2 Standard  
 VMware vSphere™ 6.0  
 VMware vSphere™ 5.5  
 VMware vSphere™ 5.1 Embedded  
 VMware vSphere™ 5.1  
 SUSE® Linux Enterprise Server 12  
 SUSE® Linux Enterprise Server 11  
 Red Hat® Enterprise Linux 7  
 Red Hat® Enterprise Linux 6  
 Citrix® XenServer®

## Operating system release link

<http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473>

## Operating system notes

Support of other Linux derivatives on demand

## Server Management

## Standard

ServerView Suite - Deploy  
   SV Installation Manager  
   SV Scripting Toolkit  
 ServerView Suite - Control  
   Operations Manager incl. PDA and ASR & R  
   (Prefailure and Analysis; Automatic Server Recovery and Restart)  
   Agents and CIM Providers  
   System Monitor  
   RAID Manager  
   Capacity Management  
   Power Management  
   Storage Support  
 ServerView Suite - Maintain  
   Remote Management (iRMC in combination with Intel® Node Manager)  
   Update Management (BIOS, Firmware, Windows Drives and SV Agents)  
   Performance Measurement  
   Asset Management  
   Online Diagnostics  
 ServerView Suite - Integrate  
   Integration packs e.g. for Microsoft System Center, VMware vCenter, Nagios, HP SIM and others

## Option

ServerView VIOM - Virtual IO Manager

## Server Management notes

Regarding dependencies for ServerView Suite software products see dedicated product data sheets.

## Dimensions / Weight

## Dimensions (W x D x H)

45 x 520 x 210 mm

## Weight

7 kg

## Weight notes

Actual weight may vary depending on configuration

## Environment

## Temperature note

In accordance with the corresponding PRIMERGY BX900 System Unit

**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> |

**Electrical values**

|                                    |                            |
|------------------------------------|----------------------------|
| Active power (max. configuration)  | 500 W                      |
| Heat emission (max. configuration) | 1800.0 kJ/h (1706.1 BTU/h) |

**Compliance**

|                  |  |
|------------------|--|
| Global           | CB<br>RoHS (Substance limitations in accordance with global RoHS regulations)<br>WEEE (Waste electrical and electronic equipment)  |
| Germany          | GS   |
| Europe           | CE Class A *   |
| Compliance link  | <a href="http://globalsp.ts.fujitsu.com/sites/certificates">http://globalsp.ts.fujitsu.com/sites/certificates</a>  |
| Compliance notes | In combination with corresponding PRIMERGY BX system unit<br>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, 500 GB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical |
| HDD SATA, 6 Gb/s, 250 GB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical |
| 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   |
| 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, 600 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise       |
| HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise       |
| HDD SAS, 12 Gb/s, 450 GB, 10,000 rpm, 512e, 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       |
| 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, 6 Gb/s, 900 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise              |
| HDD SAS, 6 Gb/s, 600 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise              |
| HDD SAS, 6 Gb/s, 500 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical        |
| HDD SAS, 6 Gb/s, 450 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise              |
| HDD SAS, 6 Gb/s, 300 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise              |
| HDD SAS, 6 Gb/s, 146 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise              |
| HDD SAS, 6 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise              |
| HDD SAS, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical          |

|   |   |
|---|---|
| <b>Solid-State-Drive</b>                                | SSD SATA, 6 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise  |
|   | SSD SATA, 6 Gb/s, 800 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)   |
|   | SSD SATA, 6 Gb/s, 480 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)   |
|   | SSD SATA, 6 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise  |
|   | SSD SATA, 6 Gb/s, 240 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)   |
|   | SSD SATA, 6 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise  |
|   | SSD SATA, 6 Gb/s, 120 GB, Read-Intensive Endurance, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)   |
|   | SSD SATA, 6 Gb/s, 100 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise  |
|   | SSD SAS, 12 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise  |
|   | SSD SAS, 12 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise  |
|   | SSD SAS, 12 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise  |
|   | SSD SAS, 12 Gb/s, 1.6 TB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise  |
|   | PCIe-SSD SFF, 800 GB, MLC, 2.5-inch, Flash drive, 10 DWPD (drive writes per day)  |
|   | PCIe-SSD SFF, 2 TB, MLC, 2.5-inch, Flash drive, 10 DWPD (drive writes per day)  |
|   | PCIe-SSD SFF, 1.6 TB, MLC, 2.5-inch, Flash drive, 10 DWPD (drive writes per day)  |
|   |   |
|   | DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 345TBW (Seq. write)   |
|   | DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 172TBW (Seq. write)  |
| <b>RAID Controller</b>                                  | Fujitsu PRAID EM400i, SAS 12G RAID HDD module, 12 Gbit/s, RAID level: 0, 1, 10, 5, 50, 6, 60, 1024 MB Cache, Optional FBU (based on LSI SAS3108)<br>Fujitsu PRAID CM400i, SAS 12G RAID HDD module, 12 Gbit/s, RAID level: 0, 1, 10, No FBU support (based on LSI SAS3108) |
| <b>Mezzanine Cards</b>                                  | Ethernet Mezzanine Card 4 x 1 Gbit/s PCIe x4 Fujitsu  |
|   | CNA Mezzanine Card 2 x 10 Gbit/s PCIe 2.0 x8 Emulex   |
|   | Ethernet Mezzanine Card 2 x 10 Gbit/s PCIe 2.0 x8 Fujitsu   |
|   | Fibre Channel Mezzanine Card 2 x 16 Gbit/s PCIe 3.0 x8 Emulex   |
|   | Fibre Channel Mezzanine Card 2 x 8 Gbit/s PCIe 2.0 x8 Emulex  |
|   | InfiniBand Mezzanine Card 2 x 56 Gbit/s PCIe 3.0 x8 Mellanox  |
|   | SAS HBA Mezzanine Card 2 x 6 Gbit/s PCIe 2.0 x8 Fujitsu   |
|   | SAS RAID Mezzanine Card 2 x 6 Gbit/s PCIe 2.0 x8 Fujitsu  |
| <b>LAN controller notes</b>                             | The dual-channel 10 Gbit/s onboard CNA provides either 2x 10 Gbit/s ports, or 4x 1 Gbit/s ports.  |
| <b>Warranty</b>   |   |
| <b>Warranty period</b>                                  | 3 years   |
| <b>Warranty type</b>                                    | Onsite warranty   |
| <b>Warranty Terms &amp; Conditions</b>                  | <a href="http://www.fujitsu.com/support">www.fujitsu.com/support</a>  |
| <b>Product Support Services - the perfect extension</b> |   |
| <b>Support Pack Options</b>                             | Globally available in major business areas:<br>9x5, Next Business Day Onsite Response Time<br>9x5, 4h Onsite Response Time<br>24x7, 4h Onsite Response Time   |
| <b>Recommended Service</b>                              | 24x7 Onsite Service with 4h Onsite Response Time  |
| <b>Spare Parts availability</b>                         | 5 years   |
| <b>Service Lifecycle</b>                                | 5 years after end of product life   |
| <b>Service Weblink</b>                                  | <a href="http://www.fujitsu.com/fts/products/product-support-services/">http://www.fujitsu.com/fts/products/product-support-services/</a>   |



# More information

## Fujitsu OPTIMIZATION Services

In addition to Fujitsu PRIMERGY BX2560 M1, 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/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about Fujitsu, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
<http://www.fujitsu.com/fts/products/computing/servers/primergy/blades/server/bx2560m1.html>

## 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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