

# Data Sheet

## Fujitsu PRIMERGY TX2560 M2 Server

Reliable performance for your business

---

### PRIMERGY TX2560 M2

The FUJITSU Server PRIMERGY TX2560 M2 offers maximum performance, best expandability and highest availability without any compromises. Branches, data centers and SMEs value the performance of up to two Intel® Xeon® E5 v4 processors in combination with a maximum 1536 GB DDR4 memory. Up to 10 extension slots and up to 32 2.5-inch hard disks enable excellent expandability options. Thanks to a redundant power supply and fans as well as a range of different RAID controllers the Tower Server ensures top availability levels and “peace of mind”. The server is thus ideal for performance hungry applications, virtualization solutions and storage demanding scenarios. Furthermore, the comprehensive Fujitsu ServerView® Suite provides support for administrators during server installation, deployment and administration.



# Features & Benefits

Main Features	Benefits
<p><b>Meet today's demand and be prepared for future requirements</b></p> <ul style="list-style-type: none"><li>■ Intel® Xeon® E5-2600 v4 product family with up to 22 cores</li><li>■ Up to 1.532 GB DDR4 memory and up to 10 PCIe Gen3 slots</li><li>■ Expanded scalability of up to 32x 2.5-inch or up to 12 3.5-inch plus 2x 2.5-inch storage drives</li></ul> <p><b>Lifecycle investment protection</b></p> <ul style="list-style-type: none"><li>■ Modular concept for the base unit as well as a choice for LAN controller, RAID controller and power supplies</li><li>■ Upgrade kits for hard disk drives, backup devices as well as LTO drives</li></ul> <p><b>Cost efficient operations</b></p> <ul style="list-style-type: none"><li>■ Comprehensive power management including pre-defined power profiles and a scheduled mode to switch between the profiles automatically</li><li>■ Two hot-plug power supply units with up to 96 % efficiency</li><li>■ Fujitsu ServerView Suite offers tools for installation and deployment, permanent status monitoring and control. A wide range of integration packs allow a seamless and easy integration in widely-used enterprise management systems</li></ul>	<ul style="list-style-type: none"><li>■ Increased general computing performance of up to 38% compared to the previous generation</li><li>■ Optimized for performance hungry applications, virtualization solutions and storage demanding scenarios.</li><li>■ Individual and cost-saving configuration of the server according to the need of today with upgrade option to meet the demand of tomorrow</li><li>■ Upgrade kits save budget as the system can be upgraded when the company grows and thus protect the investment</li><li>■ Ability to protect the data by integrating LTO drives</li><li>■ Simplified power management that adjusts the power consumption accordingly to the current usage or to the given power policy</li><li>■ Fujitsu ServerView Suite provides all the functions for fail-safe, flexible and automated 24x7 server operations and improves end-user productivity via intelligent and innovative system management solutions</li></ul>

# Technical details

<b>PRIMERGY TX2560 M2</b>	
Base unit	PRIMERGY TX2560 M2
Housing types	Tower
Power supply	Hot-plug
Product Type	Dual Socket Tower Server
<b>Mainboard</b>	
Mainboard type	D3289-B
Chipset	Intel® C612
Processor quantity and type	1 - 2 x Intel® Xeon® processor E5-2600 v4 product family
Graphics add on cards	Professional 2D: NVIDIA® NVS™ 315, PCIe x16, 2 x DVI/VGA
Processor	Intel® Xeon® processor E5-2699v4 (22C/44T, 2.20 GHz, up to 2.8 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2699Av4 (22C/44T, 2.40 GHz, up to 3.0 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2698v4 (20C/40T, 2.20 GHz, up to 2.7 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2697v4 (18C/36T, 2.30 GHz, up to 2.8 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2697Av4 (16C/32T, 2.60 GHz, up to 3.1 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2695v4 (18C/36T, 2.10 GHz, up to 2.6 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2690v4 (14C/28T, 2.60 GHz, up to 3.2 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2683v4 (16C/32T, 2.10 GHz, up to 2.6 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2680v4 (14C/28T, 2.40 GHz, up to 2.9 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2667v4 (8C/16T, 3.20 GHz, up to 3.5 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2660v4 (14C/28T, 2.00 GHz, up to 2.4 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2650v4 (12C/24T, 2.20 GHz, up to 2.5 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2650Lv4 (14C/28T, 1.70 GHz, up to 2.0 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2643v4 (6C/12T, 3.40 GHz, up to 3.6 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2640v4 (10C/20T, 2.40 GHz, up to 2.6 GHz, 8.0 GT/s) Intel® Xeon® processor E5-2637v4 (4C/8T, 3.50 GHz, up to 3.6 GHz, 9.6 GT/s) Intel® Xeon® processor E5-2630v4 (10C/20T, 2.20 GHz, up to 2.4 GHz, 8.0 GT/s) Intel® Xeon® processor E5-2630Lv4 (10C/20T, 1.80 GHz, up to 2.0 GHz, 8.0 GT/s) Intel® Xeon® processor E5-2623v4 (4C/8T, 2.60 GHz, up to 2.9 GHz, 8.0 GT/s) Intel® Xeon® processor E5-2620v4 (8C/16T, 2.10 GHz, up to 2.3 GHz, 8.0 GT/s) Intel® Xeon® processor E5-2609v4 (8C/8T, 1.70 GHz, 6.4 GT/s) Intel® Xeon® processor E5-2603v4 (6C/6T, 1.70 GHz, 6.4 GT/s)
Memory slots	24 (12 DIMMs per CPU, 4 channels with 3 slots per channel)
Memory slot type	DIMM (DDR4)
Memory capacity (min. - max.)	8 GB - 1536 GB
Memory protection	Advanced ECC Memory Scrubbing SDDC Rank sparing memory support Memory Mirroring support
Memory notes	Memory Mirroring with identical modules in both channel pairs of a bank (4 modules per bank), Rank sparing or Performance Mode with identical modules in all four channels (4 modules per bank).  8 GB (1 8 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx8

<b>Standard memory modules</b>	8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 1Rx4
	16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 1Rx4
	16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx4
	16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx8
	32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-L, LRDIMM, 4Rx4
	32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx4
<b>Standard memory modules</b>	64 GB (1 64 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-L, LRDIMM, 4Rx4
	64 GB (1 module(s) 64 GB) DDR4 3DS, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 4Rx4
<b>Standard memory modules</b>	128 GB (1 module(s) 128 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-L, LRDIMM, 8Rx4
<b>Interfaces</b>	
<b>USB 2.0 ports</b>	4 x USB 2.0 (2x rear, 1x internal, 1x UFM internal boot device)
<b>USB 3.0 ports</b>	5 x USB 3.0 (2x rear, 1x internal for RDX drives, 2x front)
<b>Graphics (15-pin)</b>	2 x VGA (thereof 1x front optional)
<b>Serial 1 (9-pin)</b>	1 x serial RS-232-C optional, usable for iRMC S4 or system or shared
<b>Management LAN (RJ45)</b>	1 x dedicated management LAN port for iRMC S4 (10/100/1000 Mbit/s) Management LAN traffic can be switched to shared onboard LAN controller port, speed and connector is related to installed interface card.
<b>Onboard or integrated Controller</b>	
<b>RAID controller</b>	All hardware storage controller options are described under Components
<b>SATA Controller</b>	Intel® C612, 1 x SATA connector for optical drive (ODD), 1x SATA connector for SATA-DOM
<b>LAN Controller</b>	DynamicLoM based on Emulex XE100 series Dynamic LoM connector cards are optional. The Controller Cards offer 2 LEDs 1) activity/connect (green) 2) speed (green/orange). PXE-Boot via LAN from PXE server, iSCSI / FCoE boot (also diskless).  Intel® Ethernet Controller I210 supported (on project request only).
<b>Remote management controller</b>	Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible
<b>Trusted Platform Module (TPM)</b>	Infineon / TPM 1.2 or TPM 2.0 module; TCG compliant (option)
<b>Slots</b>	
<b>PCI-Express 3.0 x4</b>	4 x Full height optional; slot 5+6 (CPU1, riser card); slot 11+12 (CPU2, riser card), 252mm length
<b>PCI-Express 3.0 x8</b>	5 x Full height ; slot 1 (CPU1, modular RAID, 167mm), slot 2 (CPU1, 167mm), opt. slot 4 (CPU1, opt. riser card, 252mm); opt. slot 8 (CPU2, 167mm), opt. slot 10 (CPU2, opt. riser card, 252mm)
<b>PCI-Express 3.0 x16</b>	3 x Full height ; slot 3 (CPU1), slot 8+9 (CPU2), 167mm length; please be aware, optional riser cards occupies slot 3 / 9
<b>Slot Notes</b>	Slot 1: PCIe Gen3 x8 slot is dedicated for the modular RAID controller. up to 5 PCIe Gen3 slots are supported with the first processor, up to 10 PCIe Gen3 slots are supported with two processors. Onboard slots (Slot1, 2, 3 & 7, 8, 9) support card length of up to 167mm; Slots on the optional riser cards (4, 5, 6, 10, 11, 12) support card length of up to 252mm
<b>Storage drive bays</b>	3.5-inch or 2.5-inch hot-plug SAS/SATA, or 2.5-inch non hot-plug PCIe
<b>Accessible drive bays</b>	3 x 5.25/1.6-inch
<b>Notes accessible drives</b>	All possible options described in relevant system configurator.
<b>Drive bays</b>	
<b>Storage drive bays</b>	3.5-inch SAS/SATA: Max. 12x hot-plug HDD + opt. 2x 2.5-inch non hot-plug HDD/SSD 2.5-inch SAS/SATA: Max. 32x hot-plug HDD/SSD 2.5-inch PCIe: Max. 8x non hot-plug SSD
<b>Optional accessible drives</b>	up to 3x 5.25/1.6-inch bay for accessible devices (depending on the amount of storage drive bays)
<b>Fan Configuration</b>	
<b>Number of fans</b>	3
<b>Fan configuration</b>	redundant / single hot-plug (each fan can be exchanged separately)
<b>Fan notes</b>	2+1 redundant, 120mm fans with optimized fan geometry for silent and safe operation

**Operating panel**

<b>Operating buttons</b>	On/off switch Reset button NMI button ID button
<b>Status LEDs</b>	CSS (orange) Global error (orange) Power (green) Identification (blue) AC available (green) At system rear side: LAN connection / activity (green) (optional) LAN speed (green / yellow) (optional)
<b>Service display</b>	Optional: ServerView Local Service Display (LSD)

**BIOS**

<b>BIOS features</b>	UEFI compliant Legacy BIOS compatibility customer configuration option Secure boot support ROM based setup utility GPT support for boot drives larger than 2.2 TB Memory Redundancy support (Mirroring, Sparing) IPMI support Recovery BIOS BIOS settings save and restore Local BIOS update from USB device Online update tools for main Linux versions Local and remote update via ServerView Update Manager IPv4/IPv6 remote PXE & iSCSI boot support
----------------------	--

**Operating Systems and Virtualization Software**

<b>Certified or supported operating systems and virtualization software</b>	Hyper-V Server 2016 Windows Server 2016 Datacenter Windows Server 2016 Standard Windows Server 2016 Essentials Windows Storage Server 2016 Standard Hyper-V Server 2012 R2 Windows Server 2012 R2 Datacenter Windows Server 2012 R2 Standard Windows Storage Server 2012 R2 Standard Hyper-V Server 2012 Windows Server 2012 Datacenter Windows Server 2012 Standard Windows Storage Server 2012 Standard Hyper-V™ Server 2008 R2 Windows Server 2008 R2 Datacenter Windows Server 2008 R2 Enterprise Windows Server 2008 R2 Standard VMware vSphere™ 6.5 VMware vSphere™ 6.0 VMware vSphere™ 5.5 SUSE® Linux Enterprise Server 12 SUSE® Linux Enterprise Server 11 Red Hat® Enterprise Linux 7 Red Hat® Enterprise Linux 6 Citrix® XenServer®
<b>Operating system release link</b>	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfb3230473">http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfb3230473</a>

## Operating Systems and Virtualization Software

Operating system notes Support of other Linux derivatives on demand

## Server Management

### Dimensions / Weight

Floor-stand (W x D x H) 177 x 777 x 456 mm  
 Height Unit Rack 4 U  
 19" rackmount No  
 Weight up to 35.5 kg  
 Weight notes Actual weight may vary depending on configuration  
 Rack integration kit Rack integration kit as option

## Environment

### Electrical values

Power supply configuration 1x hot-plug power supply or 2 x hot-plug power supply for redundancy  
 Hot-plug power supply redundancy Optional  
 Active power (max. configuration) 748 W  
 Apparent power (max. configuration) 752 VA  
 Heat emission (max. configuration) 2692.8 kJ/h (2552.3 BTU/h)  
 Rated current max. 9 A (100 V) / 3.5 A (240 V)  
 Power supply 450W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz  
 800W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz  
 800W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz  
 1200W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz; 110V range: 1000W, less than 110V: 900W  
 Power supply notes Power Safeguard adapts system performance in case the power requirements exceeds supply limits.  
 96% Titanium efficiency power supply unit is only released for 200-240V!

### Compliance

Global CB  
 RoHS (Substance limitations in accordance with global RoHS regulations)  
 WEEE (Waste electrical and electronic equipment)  
 Germany GS  
 Europe CE  
 USA/Canada CSAc/us  
 FCC Class A  
 Japan VCCI:V3 Class A + JIS 61000-3-2  
 South Korea KN35  
 KN32  
 China CCC  
 Australia/New Zealand C-Tick  
 Taiwan CNS 13438 class A - planned  
 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

LTO5HH Ultrium, 1,500 GB, 140 MB/s, half height, SAS 6Gb/s  
 Backup Drives LTO6HH Ultrium, 2,500 GB, 160 MB/s, half height, SAS 6Gb/s  
 LTO7HH Ultrium, 2,500 GB, 300 MB/s, half height, SAS 6Gb/s  
 RDX Drive, 320 GB, 500 GB, 1 TB , 25 MB/s, half height, USB 3.0

<b>Optical drives</b>	Blu-ray Disc™ Triple Writer, (6x BD-RW, 8x DVD, 24x CD), ultraslim, SATA I
	DVD-ROM, (16xDVD; 48xCD), half height, SATA I
	DVD Super Multi, (16xDVD, 8xDVD+RW 6xDVD-RW, 12xDVD-RAM; 48xCD, 32xCD-RW), half height, SATA I
	DVD Super Multi ultra slim , (8x DVD; 24x CD), ultraslim, SATA I
<b>Hard disk drives</b>	HDD SATA, 6 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 4 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
	HDD SATA, 6 Gb/s, 2 TB, 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
<b>Hard disk drives</b>	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, non hot plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical
<b>Hard disk drives</b>	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, hot-plug, 3.5-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, 3.5-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, 600 GB , 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
	<b>Hard disk drives</b>
HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, non hot plug, 2.5-inch, enterprise	
HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 3.5-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, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise	
<b>Hard disk drives</b>	HDD SAS, 12 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 4 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
	HDD SAS, 12 Gb/s, 2 TB , 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
	HDD SAS, 12 Gb/s, 2 TB , 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
	HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 3.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 1.8 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, 512n, hot-plug, 3.5-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, 1.2 TB , 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical	

<b>Hard disk drives</b>	HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
	HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
	HDD SAS, 6 Gb/s, 4 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
	HDD SAS, 6 Gb/s, 2 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
	HDD SAS, 6 Gb/s, 1 TB, 7,200 rpm, non hot plug, 2.5-inch, business critical
<b>Hard disk drives</b>	HDD SAS, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
<b>Solid-State-Drive</b>	SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 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, 800 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
<b>Solid-State-Drive</b>	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.6 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)
<b>Solid-State-Drive</b>	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, non hot plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, Mixed-use, non hot plug, 2.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
<b>Solid-State-Drive</b>	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, 120 GB, Mixed-use, non hot plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 120 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 120 GB, 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, Mixed-use, hot-plug, 3.5-inch, enterprise, 3 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 SATA, 6 Gb/s, 1.6 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SATA, 6 Gb/s, 1.2 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
<b>Solid-State-Drive</b>	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, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 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), SED
	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, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 480 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), SED
	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, 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, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
	SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 2.3 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), SED
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)	
<b>Solid-State-Drive</b>	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)
<b>PCIe SSD &amp; SATA DOM SSD</b>	DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 0.13 DWPD (Drive Writes Per Day for 5 years)
	DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 0.14 DWPD (Drive Writes Per Day for 5 years)
<b>SCSI / SAS Controller</b>	Fujitsu PSAS CP400i SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8
	Fujitsu PSAS CP400e FH SAS Ctrl. 12 Gbit/s 8 ports ext. PCIe 3.0 x8



<b>RAID Controller</b>	Fujitsu PRAID EP440i FH, 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 SAS3108
	Fujitsu PRAID EP440i FH TFM SafeStore, 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 SAS3108
	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
<b>Fibre Channel controller</b>	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style
	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Emulex LPe1250 MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Emulex LPe12002 MMF LC-style
	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 Emulex LPe16000B LC-style
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe16002B LC-style
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Qlogic QLE2670 LC-style
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2672 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	
<b>Communication, Network</b>	Converged Network Adapter 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ ( Emulex )
	Ethernet Ctrl. 1 x 1 Gbit/s PCIe 2.1 x1 RJ45 ( Intel® )
	Ethernet Ctrl. 2 x 10 Gbit/s ; 1 Gbit/s PCIe 3.0 x8 RJ45 ( Intel® )
<b>Communication, Network</b>	Ethernet Ctrl. 2 x 10 Gbit/s#25 Gbit/s PCIe 3.0 x8 SFP28 ( Cavium )
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.0 x8 SFP+ ( Fujitsu )
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.1 x8 RJ45 ( Intel® )
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 10Gbit/s Eth (RJ45) ( Emulex )
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ ( Emulex )
	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 1 Gbit/s PCIe 2.1 x4 RJ45 ( Intel® )
	InfiniBand HCA 1 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed ( Mellanox )
	InfiniBand HCA 2 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed ( Mellanox )
<b>Communication, Network</b>	Interface modul for Dynamic LoM 2 x 10 Gbit/s RJ45 ( Emulex )
	Interface modul for Dynamic LoM 2 x 10 Gbit/s SFP+ ( Emulex )
	Interface modul for Dynamic LoM 2 x 1 Gbit/s RJ45 ( Emulex )
	Interface modul for Dynamic LoM 4 x 1 Gbit/s RJ45 ( Emulex )
<b>Graphics add on cards</b>	NVIDIA® NVS™ 315, PCIe x16, 2 x DVI/VGA
<b>Warranty</b>	
<b>Warranty period</b>	3 years
<b>Warranty type</b>	Onsite warranty

---

**Warranty**

**Warranty Terms & Conditions** <http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM>

**Product Support Services - the perfect extension**

**Support Pack Options** Globally available in major business areas:  
9x5, Next Business Day Onsite Response Time  
9x5, 4h Onsite Response Time (depending on country)  
24x7, 4h Onsite Response Time (depending on country)

**Recommended Service** 24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.

**Service Lifecycle** 5 years after end of product life

**Spare Parts availability** 5 years

**Service Weblink** <http://ts.fujitsu.com/Supportservice>

# More information

## Fujitsu platform solutions

In addition to Fujitsu PRIMERGY TX2560 M2, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

### 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 PRIMERGY TX2560 M2, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
<http://ts.fujitsu.com/Primergy>

## Fujitsu green policy innovation

## Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.  
For further information see [http://ts.fujitsu.com/terms\\_of\\_use.html](http://ts.fujitsu.com/terms_of_use.html)  
Copyright © Fujitsu Technology Solutions

## Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner

## Contact

FUJITSU LIMITED  
Mies-van-der-Rohe-Straße 8  
80807 München  
Germany  
Website: [www.ts.fujitsu.com](http://www.ts.fujitsu.com)  
2019-11-01 CE-EN

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.  
For further information see [http://ts.fujitsu.com/terms\\_of\\_use.html](http://ts.fujitsu.com/terms_of_use.html)  
Copyright © Fujitsu Technology Solutions