

Data Sheet

PRIMERGY CX2560 M7 Multi-Node Server

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 seamlessly 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

Main Features	Benefits
<p>Compact and modular foundation</p> <ul style="list-style-type: none"> ■ 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. <p>High performance on a small footprint</p> <ul style="list-style-type: none"> ■ 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. <p>Increased power with lower consumption</p> <ul style="list-style-type: none"> ■ 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. <p>Easy Expandability</p> <ul style="list-style-type: none"> ■ 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. 	<ul style="list-style-type: none"> ■ 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. ■ 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. ■ 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. ■ 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.

Technical details

PRIMERGY CX2560 M7

Base unit	PRIMERGY CX2560 M7 air cooling	PRIMERGY CX2560 M7 all NVMe	PRIMERGY CX2560 M7 air cooling all SSD
Housing types	Air-cooled node	Air-cooled node	Air-cooled node
Product Type	Dual Socket 1U Server Node	Dual Socket 1U Server Node	Dual Socket 1U Server Node
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, 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 (8C, 2.6 GHz, TLC: 22.5 MB, Turbo: 3.60 GHz, 16 GT/s, 4,400MHz, 125 W)		
	Intel® Xeon® Silver 4510 (12C, 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, 2.0 GHz, TLC: 30 MB, Turbo: 2.60 GHz, 16 GT/s, 4,400MHz, 150 W)		
	Intel® Xeon® Silver 4516Y+ (24C, 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 (32 C, 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, 2.2 GHz, up to 2.9 GHz, 16 GT/s)		
	Intel® Xeon® Silver processor 4514Y (16C, 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, 2.4 GHz, up to 3.3 GHz, 16 GT/s)		
	Intel® Xeon® Silver processor 4509Y (8C, 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 4410Y (12C, 2.0 GHz, up to 2.9 GHz, 16 GT/s)		
	Intel® Xeon® Silver processor 4410T (10C, 2.7 GHz, up to 3.4 GHz, 16 GT/s)		
	Intel® Xeon® Gold processor 6428N (32 C, 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, 16 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)		
Memory slot type	DIMM (DDR5)		

Memory capacity (min. - max.)	8 GB - 6 TB		
Memory protection	ECC Memory Scrubbing SDDC ADDDC (Adaptive Double DRAM Device Correction) Memory Mirroring support		
Memory notes	Support R-DIMM		
Memory capacity (min. - max.)	8 GB - 6144 GB	8 GB - 6144 GB	8 GB - 6144 GB
Standard memory modules	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		
Notes	4x in PRIMERGY CX400 M7		
Interfaces			
USB 3.x ports	2 x USB 3.0 (rear) with high density connector		
Graphics (15-pin)	1 x VGA (1x rear) with high density connector		
LAN / Ethernet (RJ-45)	1 x shared management LAN port for iRMC S6 (10/100/1000 Mbit/s)		
Management LAN (RJ45)	Management LAN traffic can be switched to shared onboard Gbit LAN port		
Onboard or integrated Controller			
RAID controller	8 Port RAID 0/1 or RAID 5/6 controller as option		
SATA Controller	Intel® C741		
LAN Controller	Intel X550 (Onboard LAN) (on D3989-A1x) 10/100/1000/10000 Mbit/s Ethernet		
Remote management controller	IPMI 2.0 compatible Integrated Remote Management Controller (iRMC S6, 1024 MB attached memory incl. graphics controller)		
Trusted Platform Module (TPM)	optional TPM		
PCI-Express 5.0 x8			
PCI-Express 5.0 x16	2 x low profile PCIe 5.0 x16 slots (via riser card)		
Slot Notes	1x dedicated RAID slot		
Slots (Base unit specific)			
Drive bays			
Storage drive bays	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)		
General system information			
Fan configuration	Redundant and hot-plug fans part of CX400 M7 chassis		
Operating panel			
Operating buttons	On/off switch ID button		
Status LEDs	Power (DC-On: green / AC-On: white) System status (orange) LAN speed (green / yellow) LAN connection (green) Identification (blue)		
BIOS			
BIOS features	UEFI compliant IPMI support BIOS settings save and restore Remote PXE boot support		
Operating Systems and Virtualization Software			
Operating system release link	http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473		

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.
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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-e38e7b42fee6

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	http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe

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, 0.9 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
PCIe-SSD SFF, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD
PCIe-SSD SFF, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD
PCIe-SSD SFF, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD
PCIe-SSD SFF, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD
PCIe-SSD SFF, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD
PCIe-SSD SFF, 1.6 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	PSAS CP 2100-8i LP SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8
	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 EP640i 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
	InfiniBand HCA 1 x 200Gb/s PCIe x16 QSFP for the US market max. one IB HCA 200Gb controller can be installed (Mellanox)
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
Product Support - the perfect extension	
Recommended Service	24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.

Warranty

Service Lifecycle	at least 5 years after shipment, for details see https://support.ts.fujitsu.com/
Service Weblink	https://www.fujitsu.com/emeia/support/

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.

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/

Software

www.fujitsu.com/software/

More information

Learn more about PRIMERGY CX2560 M7, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

<http://www.fujitsu.com/emeia/products/computing/servers/primergy/scale-out/cx2560m7/>

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.

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2024-09-26 WW-EN