FUJITSU

Data Sheet Fujitsu PRIMERGY TX2550 M7 Tower Server

The ultimate powerhouse at your feet

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 densityoptimized 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 TX2550 M7

The Fujitsu PRIMERGX Server TX2550 M7 is our small powerhouse among the tower servers. Equipped with the latest 4th generation Intel processors, the server offers outstanding performance and is therefore ideal for computeintensive business processes, applications or virtual work environments. Improving efficiency, increasing performance and reducing power consumption at the same time is possible with the latest generation of DDR5 memory. These come with a significantly higher speed of up to 4,800 MT/s and enable a maximum capacity of up to 4TB with 4UPI links in the tower server, making it ideal for CPU-driven work processes. The TX2550 M7 offers space for up to 32x 2.5" SAS/SATA/NVME storage media, which can be easily exchanged thanks to Fujitsu hot-plug frames. Because of the easy scalability, companies are flexible and can start small and adapt the storage to their needs with HDDs or SSDs. On board there are 6 PCIe slots which can be expanded to 10 PCIe slots by means of a raiser card and can therefore be adapted to the needs of companies. Through the PCIe slots up

intel Xeon to 4 full height double width GPGPU cards can be added and the TX2550 offers an unprecedented computing performance in the segment of footprint servers.

The server is designed for quiet operation and offers best-in-class reliability and energy efficiency with up to 96% efficiency and dual power supplies. Fujitsu iRMC S6 and ISM increase administrator productivity and provide a fast path to infrastructure management.





Features & Benefits

Main Features

Benefits

Power packed performance across workloads

- Wide choice of different types of Intel® Xeon® Scalable processors as well as the new 4th generation Intel® Xeon® Scalable processors. The server can field CPUs with up to 32 cores relying on Intel® UltraPath Interconnect for an increased data rate between the CPUs. Up to 4TB memory (16 DIMM slots) including the new DDR5 modules with a bandwidth of 4,800 MT/s.
- Highly expandable and flexible design
- Significant storage capacity with up to 32x hot plug 2.5"SAS/ SATA/NVMe for ODD or backup. Advanced RAID controllers with up to 8GB cache for enhanced data protection and reliability beyond embedded basic RAID capability. Flexibility in networking capability via Onboard LAN for basic requirements.

Designed to be upgrade ready and efficient

With optional riser card up to 10 PCle slots are possible with the TX2550 M7. The extension makes it possible to add up to 4 full height double width GPU cards. Fields power supply units with 96% energy efficiency, plus Fujitsu's Cool-safe® Advanced Thermal Design for higher ambient temperatures in the data center.

Server and infrastructure management at your fingertips

The server also has regular, free updates of BIOS, firmware and selected software. The onboard iRMC S6 comes with interactive web UI and conforms to Redfish providing unified API support for heterogeneous environment. Furthermore, 2x Internal M.2 devices support hypervisor installations or mirroring while TPM2.0 modules enhance security.

- The enhanced dual-socket calculator and high bandwidth DDR5 processor help to improve efficiency and increase performance while reducing power consumption. The TX2550 M7 is capable of handling a range of different tasks at the highest level: demanding industrial and analytical applications, business processes and enterprise applications, and virtualised workloads.
- Storage suitable for securely managing extremely large datasets and flexible enough to be matched to a range of storage centric requirements such as IT infrastructure or collaboration workloads. Drives and RAID controllers can be tailored to specific business needs and budgets. Powerful and cost-effective networking options are available depending on your business need and budget.
- Versatile PCIe slots offer flexible expandability for the integration of existing and new storage controllers, networking cards, or the benefits of graphic cards. Add capabilities per your business needs. Graphics card improves performance for graphic intensive apps; get more from your display infrastructure. The server is designed for quiet operation and offers best-in-class reliability and energy efficiency with up to 96% efficiency and dual power supplies. The rack upgrade kit allows you to invest in a system designed for scalability to match your business growth.
- The onboard iRMC S6, is optimized for both data centers and SMEs who can rely on the latest generation server management. With ISM centralize the data center management as well as power and cooling by using a single user interface. Improve the whole data center productivity with converged infrastructure management. M.2 devices are perfect for hassle-free hypervisor / operating system start-up, while TPM 2.0 provides ease of mind for administrators with the latest hardware and Software driven security features.

Technical details

PRIMERGY TX2550	117
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Base unit	TX2550 M7 Rack SFF	TX2550 M7 Rack LFF	TX2550 M7 Rack SFF	TX2550 M7 Tower SFF	TX2550 M7 Tower LFF	TX2550 M7 Tower LFF	TX2550 M7 Tower SFF	TX2550 M7 Tower SFF	
Housing types	Rack	Rack	Rack	Tower	Tower	Tower	Tower	Tower	
Storage drive architecture	8x 2.5- inch SAS/ SATA/PCle expandable	8x 3.5-inch SAS/SATA expandable	24x 2.5- inch SAS/ SATA/PCle expandable	8x 2.5-inch SAS/SATA	4x 3.5-inch SAS/SATA expandable	8x 3.5-inch SAS/SATA expandable	8x 2.5- inch SAS/ SATA/PCle expandable	24x 2.5- inch SAS/ SATA/PCle expandable	
Power supply	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug	Hot-plug	
Product Type	Dual Socket Rack Server	Dual Socket Rack Server	Dual Socket Rack Server	Dual Socket Tower Server	Dual Socket Tower Server	Dual Socket Tower Server	Dual Socket Tower Server	Dual Socket Tower Serve	
Mainboard									
Mainboard type	D3985-A								
Chipset	Intel [®] C741								
Processor quantity and type		1 - 2 x Intel [®] Xeon [®] Bronze 3xxx processor / Intel [®] Xeon [®] Silver 4xxx processor / Intel [®] Xeon [®] Gold 5xxx processor / Intel [®] Xeon [®] Gold 6xxx processor / Intel [®] Xeon [®] Platinum 8xxx processor							
Intel® Xeon® Bronze Processor	Intel® Xeon® I	Intel® Xeon® Bronze 3408U (8C, 1.8 GHz, TLC: 22.5 MB, Turbo: 1.90 GHz, 16 GT/s, Mem bus: 4,000MHz, 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, Mem bus: 4,000MHz, 150 W) Intel® Xeon® Silver 4410Y (12C, 2.0 GHz, TLC: 30 MB, Turbo: 2.90 GHz, 16 GT/s, Mem bus: 4,000MHz, 150 W) Intel® Xeon® Silver 4416+ (20C, 2.0 GHz, TLC: 37.5 MB, Turbo: 2.90 GHz, 16 GT/s, Mem bus: 4,000MHz, 165 W)								
Intel® Xeon® Gold Processor	Intel® Xeon® (Intel® Xeon® (Gold 5415+ (8 Gold 5416S (1) Gold 5418Y (2) Gold 5420+ (2) Gold 6420+ (1) Gold 6426Y (1) Gold 6430 (32) Gold 6430 (32) Gold 6438Y+ (Gold 6438Y+ (3) Gold 6448Y (3) Gold 6454S (3)	C, 2.9 GHz, TLC 6C, 2.0 GHz, TLC 4C, 2.0 GHz, TL 2 C, 2.0 GHz, TL 2 C, 2.0 GHz, TL 6C, 2.5 GHz, TL 6C, 2.1 GHz, TL 32 C, 2.0 GHz, T 4C, 2.6 GHz, TL 2 C, 2.1 GHz, TL 2 C, 2.2 GHz, TL	C: 45 MB, Turbo 22.5 MB, Turbo C: 30 MB, Turbo C: 45 MB, Turbo C: 52.5 MB, Turbo C: 52.5 MB, Turbo C: 60 MB, Turbo 22.5 MB, Turbo C: 60 MB, Turbo C: 60 MB, Turbo C: 60 MB, Turbo C: 60 MB, Turbo	b: 3.60 GHz, 16 : 2.80 GHz, 16 G : 2.80 GHz, 16 G : 2.70 GHz, 16 G : 2.60 GHz, 16 G : 3.30 GHz, 16 G 4.10 GHz, 16 G : 2.80 GHz, 16 G : 3.30 GHz, 16 G : 3.30 GHz, 16 G : 3.30 GHz, 16 G	GT/s, Mem bus GT/s, Mem bus: GT/s, Mem bus: GT/s, Mem bus GT/s, Mem bus GT/s, Mem bus: GT/s, Mem bus: GT/s, Mem bus: GT/s, Mem bus GT/s, Mem bus	:: 4,400MHz, 15 4,400MHz, 150 4,400MHz, 185 is: 4,400MHz, 25 is: 4,800MHz, 25 is: 4,800MHz, 270 4,400MHz, 270 4,800MHz, 295 is: 4,800MHz, 225 : 4,800MHz, 220 : 4,800MHz, 220	0 W) 0 W) 5 W) 05 W) 0 W) 85 W) W) W) 05 W) 5 W) 0 W)	
Intel [®] Xeon [®] Platinum Processor				z, TLC: 45 MB, T z, TLC: 75 MB, T					
Memory slots	16 (8 DIMMs	per CPU, 8 cha	nnels with one	DIMM per char	nnel)				
Memory slot type	DIMM (DDR5)								
Memory capacity (min max.)	16 GB - 4.0 TB								
Memory protection		-	RAM Device Co	orrection)					
Memory notes	Independent	Mode with ide		s in both chann odules in both c					

Standard memory modules	16 GB (1 mod	ule(s) 16 GB) D	DR5, registered	1. FCC. 4.800 M	T/s. PC 5-4800.	DIMM, 1Rx8		
			DR5, registered					
			DR5, registered					
			DR5, registered					
) DDR5, register					
) DDR5, registe					
	250 GD (1 1110		, DDh5, registe	TCG, ECC, 4,000	10173,1 CJ 400			
Interfaces		1/11/02 0) (2	6	1 400 2 1 6		1 :)		
USB 3.x ports			x front, 4 x rear,	, 1x USB 3.1 Ge	n I for backup	devices)		
Graphics (15-pin)	· · · · · · · · · · · · · · · · · · ·	ear, 1 x front(Op		· · 、				
Serial 1 (9-pin)		erial RS-232-C	(9 pin)(Optiona	al, not shown)				
LAN / Ethernet (RJ-45)	2 x							
Management LAN (RJ45)			n be switched t LAN port for iR					
Onboard or integrated Controller								
RAID controller	All hardware	storage contro	ller options are	described und	der Componen	ts		
SATA Controller	Intel® C741, 1	x SATA channe	l for ODD, 2x S	ATA channel fo	r M.2, 8x SATA	channel for HD	D/SSD	
SATA controller type notes	On Board SAT	A controller						
LAN Controller	2 x 1 Gbit/s onboard							
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							
Slots								
PCI-Express 5.0 x8	8 x Note: Refe	er to Slot Notes						
PCI-Express 5.0 x16	6 x Full heigh	t						
PCI-Express 4.0 x8		t Note: Refer to	Slot Notes.					
PCI-Express 4.0 x16	4 x Full height Note: Refer to Slot Notes.							
Slot Notes	Note: Slots: 6x PCle slots are on board, with optional riser card up to 10x PCle slots are available.							
Drive bays								
Storage drive bays	3 5-inch or 2 ⁴	5-inch hot-plug	1 SAS/SATA					
Accessible drive bays	3 x 5.25/1.6-ir		<i>y 51 (5) 51 (11 (</i>					
Notes accessible drives		-	ed in relevant s	vstem configu	rator			
				ystem conngu				
Drive bays (Base unit specific) Storage drive bays	0 y 2 5 in ch	0 v 2 E in sh	24 y 2 5 in sh	0 y 2 5 in ch	4 y 2 5 in ch	0 y 2 5 in ch	0 y 2 5 in ch	
storage drive bays	8 x 2.5-inch hot-plug SAS/SATA	8 x 3.5-inch hot-plug SAS/SATA	24 x 2.5-inch hot-plug SAS/SATA	8 x 2.5-inch hot-plug SAS/SATA	4 x 3.5-inch hot-plug SAS/SATA	8 x 3.5-inch hot-plug SAS/SATA	8 x 2.5-inch hot-plug SAS/SATA	24 x 2.5-incł hot-plug SAS/SATA
Storage drive bay configuration	Optional	Optional	optional	not	optional	optional	optional	optional
_ , ,	expandable	expanderble	expanderble	expandable	expandable	expandable	expandable	expandable
	up to 24	up to 12	up to 32		up to 8	up to 12	up to 24	up to 32
	storage drives	storage drives	storage drives		storage drives	storage drives	storage drives	storage drives
Optional accessible drives	3x 1.6x5.25"	3x 1.6x5.25"	3x 1.6x5.25"	3x 1.6x5.25″	3x 1.6x5.25"	3x 1.6x5.25"	3x 1.6x5.25"	3x 1.6x5.25"
	bays for an	bays for an	bays for an	bays for an	bays for an	bays for an	bays for an	bays for an
	optical and/	optical and/	optical and/	optical and/	optical and/	optical and/	optical and/	optical and/
	or backup	or backup	or backup	or backup	or backup	or backup	or backup	or backup
	drives	drives	drives	drives	drives	drives	drives	drives
an Configuration								
Number of fans	4	-						
Fan configuration		-	ingle hot plug					
Fan notes	Fans with opt	imized blades	and fan contro	I for silent and	sate operation			
Operating panel								
Operating panel	On/off switch	1						
	On/off switch NMI button Reset button	I						

Operating panel	
Status LEDs	At system front side:
	Power (DC-On: green / AC-On: white)
	Global error (orange)
	Identification (blue)
	Hard disks access (green)
	System status (green)
	At system rear side:
	Identification (blue)
	CSS (orange)
	Global error (orange)
	LAN connection (green)
	LAN speed (green / yellow)
Service display	Optional: ServerView Local Service Display (LSD)
BIOS	
BIOS features	UEFI compliant
	Secure boot support
	ROM based setup utility
	GPT support for boot drives larger than 2.2 TB
	Memory Redundancy support (Mirroring)
	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
	Cryptographically Signed BIOS Firmware Update
	HTTP and HTTPS Boot
	PCIe Bifurcation configurable
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Dimensions / Weight						
Rack (W x D x H)	485 (Bezel); 448 mm (body) x 765 x 176 mm					
Dimension notes	Floorstand Width 176 mm without tilt protection (483 mm with tilt protection); depth measured includes handles redundant PSU. Rack depth includes handles of redundant PSU, excludes rack handles / front					
Height Unit Rack	4 U					
Weight	Up to 41.86 kg					
Weight notes	Actual weight may vary depending on configuration					
Rack integration kit	with retrofit upgrade.					
Floor-stand (W x D x H)						
Rack integration kit	Rack mount optionRack mount optionRack mount optionsRack mount optionsRack mount optionsavailable as a retrofitavailable as a retrofitavailable from theavailable from theavailable from theupgradeupgradefactory or with retrofitfactory or with retrofitfactory or with retrofitupgradeupgradeupgradeupgradeupgrade					
Environment						
Operating ambient temperature	5 - 45 °C (41 - 113 °F)					
Operating temperature note	Cool-safe® Advanced Thermal Design (above 35 °C or below 10 °C) depending on configuration. Please use the Fujitsu WebArchitect (www.fujitsu.com/configurator/public) to get detailed information on the corresponding configurations.					
Operating relative humidity	8 - 85 % (non condensing)					
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					
Noise emission	Measured according to ISO 7779 and declared according to ISO 9296					
Sound pressure (LpAm)	Noise minimum configuration: 26 dB(A) (idle) / 26 dB(A) (operating) Noise typical configuration: 26 dB(A) (idle) / 29 dB(A) (operating)					
Sound power (LWAd; 1B = 10dB)	Noise minimum configuration: 3.9 B (idle) / 4.0 B (operating) Noise typical configuration: 4.1 B (idle) / 4.8 B (operating)					
Noise notes	Noise emissions depends on operation modes, system configuration and ambient temperature. Operating mode measured based on OLTIS with 50% load. *OLTIS = FUJITSU Load Profile which stresses all components of a server with a given load level.					
Electrical values						
Power supply configuration	1x non hot-plug power supply or 2x hot-plug power supply for redundancy or 2x non hot-plug power supply					
Hot-plug power supply redundancy	Optional					
Active power (max. configuration)	2,758 W					
Apparent power (max. configuration)	2790 VA					
Heat emission (max. configuration)	9928.8 kJ/h (9410.7 BTU/h)					
Rated current max.	12 A (100 V) / 15 A (200 V)					
Active power note	To estimate the power consumption of different configurations use the Fujitsu Product Configurator: www.fujitsu.com/configurator/public					
Power supply	500W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 500W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 900W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 900W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 1600W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz; 100V range: 1030W 1600W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 2200W hot-plug, 94% (Platinum efficiency), 200-240V, 50 / 60Hz 2400W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz					
Power supply notes	Power Safeguard adapts system performance in case the power requirements exceeds supply limits. Platinum PSUs are only for APAC/Japan market. 96% Titanium Power supply unit is only released for 200-240V This system supports no redundancy on 2x PSUs. The system Max. power has 4800 W possibility(T.B.D.)					
Compliance						
Product	PRIMERGY TX2550 M7					
Model	PS2560A					
Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment)					

Compliance	
Germany	GS
Europe	CE
USA/Canada	NRTLc/us
	FCC Class A ICES-003 / NMB-003 Class A
Japan	VCCI:V3 Class A + JIS 61000-3-2
Russia	EAC
South Korea	КС
China	200
Australia/New Zealand	RCM
Taiwan	BSMI
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 us

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

Backup Drives	LTO7HH Ultrium, 2,500 GB, 300 MB/s, half height, SAS 6Gb/s						
	LTO7HH Ultrium, 300 MB/s, half height						
	LTO7HH Ultrium, 300 MB/s, half height, SAS 6Gb/s						
	RDX Drive, 320 GB, 500 GB, 1 TB , 25 MB/s, half height, USB 3.0						
Optical drives	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						
Hard disk drives	HDD SATA, 6 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical						
	HDD SATA, 6 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical						
	HDD SATA, 6 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical						
	HDD SATA, 6 Gb/s, 12 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, 1 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical						
	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical						

Hard disk drives

HDD SAS, 12 Gb/s, 900 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 900 GB, 15,000 rpm, 512n, 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, 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
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
HDD SAS, 12 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED
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, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 3.5-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, 2 TB, 7,200 rpm, 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, 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
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 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical

Solid-State-Drive

SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 960 GB, non hot plug, enterprise, 1.5 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.5 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.5 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 3.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.0 DWPD (Drive Writes Per Day for 5 years) SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years) SSD M.2 SATA, 6 Gb/s, 480 GB, non hot plug, enterprise, 1.5 DWPD (Drive Writes Per Day for 5 years) SSD M.2 SATA, 6 Gb/s, 240 GB, non hot plug, enterprise, 1.5 DWPD (Drive Writes Per Day for 5 years)

Solid-State-Drive	SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED				
	SSD SAS, 22.5Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years), SED				
	SSD SAS, 22.5Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years), SED				
	SSD SAS, 22.5Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 22.5Gb/s, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 22.5Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 22.5Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 22.5Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED				
	SSD SAS, 22.5Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 22.5Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)				
	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, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 12 Gb/s, 800 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)				
	SSD SAS, 12 Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)				
	SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years) SSD SAS, 12 Gb/s, 6.4 TB, 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, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 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)				
	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)				
PCIe SSD & SATA DOM SSD	PCIe-SSD SFF, 960 GB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 800 GB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 100 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 400 GB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 100 DWPD (Drive Writes Per Day for 5 years)				
	PCle-SSD SFF, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 12.8 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, Flash drive, 100 DWPD (Drive Writes Per Day for 5 years)				
	PCIe-SSD SFF, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)				
	PSAS CP 2100-8i LP SAS Ctrl. 12 Gbit/s 8 ports int. PCle 3.0 x8				
SCSI / SAS Controller	Broadcom [®] PSAS CP600i LP SAS Ctrl. 12 Gbit/s PCle 3.0 x8				
	Broadcom [®] PSAS CP600e LP SAS Ctrl. 12 Gbit/s PCIe 3.0 x8				
	Broadcom [®] PSAS CP600e FH SAS Ctrl. 12 Gbit/s PCIe 3.0 x8				

	NVIDIA® A30, 933GB/s, 24GB HBM2, N/A, PCIe 4.0 x16
	NVIDIA NTX A0000, 48 GB, 780 GB/s, 46 GB GDDR6, N/A, PCIe 4.0 X16, 4 X DisplayPort NVIDIA® A16, 64 GB, 800GB/s (4 x200GB/s), 64GB GDDR6 (4 x16GB), N/A, PCIe 4.0 x16
	NVIDIA® RTX™ A6000, 48 GB, 786 GB/s, 48 GB GDDR6, N/A, PCIe 4.0 x16, 4 x DisplayPort
	-, N/A, - NVIDIA® A40, 48 GB, 696 GB/s, 48GB GDDR6, N/A, PCIe 4.0 x16
	-, N/A, -
Gro computing card	NVIDIA* A100 8000, 0912 coles, 195500/s, 8000 HBM22, N/A, PCIe 4.0 x10 NVIDIA* H100, 2TB/s, 800B HBM3, N/A, PCIe x16
GPU computing card	NVIDIA® A100 80GB, 6912 cores, 1935GB/s, 80GB HBM2e, N/A, PCIe 4.0 x16
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe31002-M6-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 Qlogic QLE2692 LC-style
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Qlogic QLE2690 LC-style
	Fibre Channel Host Bus Adapter 2 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 Emulex LPE36000-M64-F MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPE35000-M2-F MMF LC-style
	Fibre Channel Host Bus Adapter 2 x Qlogic QLE2772-FJ-BK LC-style Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Emulex LPE35000-M2-F MMF LC-style
Fibre Channel controller	Fibre Channel Host Bus Adapter 1 x Qlogic QLE2770-FJ-BK LC-style
Citiens Channell as interellar	
	Broadcom® PRAID CP600i LP, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, No FBU support
	Optional FBU
	Optional FBU Fujitsu PRAID EP 3252-8i LP, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB,
	5, 50, 6, 60, 8 GB, Optional FBU Fujitsu PRAID EP 3254-8i LP, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB,
	Fujitsu PRAID EP 3258-16i FH, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, NVMe-PCIe 16 GT/s, 16 ports int. RAID level: 0, 1, 10,
	Fujitsu PRAID EP 3258-16i LP, RAID 5/6 Ctrl., SAS/SATA 24 Gbit/s, NVMe-PCIe 16 GT/s, 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU
	FBU based on LSI SAS3908
	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
	Fujitsu PRAID EP680e FH, 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
	RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP680e LP, RAID 5/6 Ctrl., SAS 12 Gbit/s, 8 ports ext.
	Fujitsu PRAID EP680i FH, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCle 16 GT/s, 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3916
	6, 60, 8 GB, Optional FBU based on LSI SAS3916 Eviltary PRAID EDG80: EH, PAID 5/6 Ctrl - SAS/6ATA 12 Chit/c - NV/Ma, PCIa 16 CT/c, 16 parts int, PAID Javah 0, 1, 10, 5

Warranty		
Support Pack Options	Globally available in major metropolitan 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 Service with 4h Onsite Response Time	
Service Lifecycle	at least 5 years after shipment, for details see https://support.ts.fujitsu.com/	
Service Weblink	http://www.fujitsu.com/fts/products/product-support-services/	

More information

Fujitsu products, solutions & services

In addition to Fujitsu PRIMERGY TX2550 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 Fujitsu PRIMERGY TX2550 M7, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

http://www.fujitsu.com/global/products/ computing/servers/primergy/tower/ tx2550m7/index.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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