Data Sheet
Fujitsu PRIMERGY TX1320 M5 Tower Server

Ultra-compact advanced technology server to accelerate your business

Fujitsu offers a fantastic blend of systems, solutions and expertise to guarantee maximum productivity, efficiency and flexibility, delivering confidence and reliability. Fujitsu Server PRIMERGY systems deliver workload-optimized x86 industry standard servers for any workload and business demand. Since there is no single server solution to meet all these needs, Fujitsu offers a broad server portfolio consisting of expandable tower servers for remote and branch offices, versatile rack-mount servers and density-optimized multi-node servers. Whatever the size of your business – large enterprise with multiple sites, or a small or medium-sized company with limited space and budget – with the right choice of server, your IT can become the business enabler you have always wanted it to be.

PRIMERGY TX1320 M5

The unique ultra-compact Fujitsu PRIMERGY Server TX1320 M5 has advanced technology ideal for most industry verticals, small and medium-sized enterprises (SME), space-constrained environments, retail premises or branch offices. The performance-oriented yet cost-effective mono-socket design supports the latest Intel® Xeon® E-2300 product family processors, an affordable Pentium® processor option plus up to 128 GB RAM at 3,200 MT/s to boost performance for appropriately sized standard business workloads, including virtualized ones (such as: file/print, email, ERP/CRM, messaging, centralized data storage) and industry specific applications. Institutions with special legal requirements such as medical, governmental, legal, or financial offices can benefit from the server's secure and robust storage and transmission features. These include up to eight high quality 2.5-inch storage devices (including up to four ultra-fast PCIe SSDs for demanding applications), powerful RAID controllers, graphics and networking options enabled by 4 PCIe expansion slots (Gen 4/3) together with versatile and affordable backup plus TPM 2.0 capability. High efficiency (94%), 500W redundant power supplies enhance reliability and protect customer investment. This ultra-compact, silent server with a new dust protection kit and Advanced Thermal Design Technology is designed for deployment flexibility – it can be deployed in offices, on rack shelves, industrial areas and even on desks at temperatures from 5 °C to 45 °C. New generation technologies include M.2 modules for efficient OS installation along with dual microSD capability for VMware ESXi, plus the latest USB 3.2 Gen 2 ports. Furthermore, the TX1320 M5 server features the iRMC S6 and the Fujitsu Infrastructure Manager (ISM) suite, which enable remote server management and centralized IT infrastructure control respectively, hence boosting IT administrator productivity.

Features & Benefits

Main Features	Benefits
ADVANCED TECHNOLOGY TO DRIVE WORKLOADS ■ Wide choice of the Intel® Xeon® E-2300 product family processors and an affordable Pentium® option. Up to 128GB DDR4 ECC memory (4x DIMMs at 3,200 MT/s) is supported for high-speed, reliable performance. The server also features 8x hot-plug 2.5-inch storage (SAS/SATA) devices (including up to 4x PCIe SSD), or 2x 3.5-inch storage, plus RDX backup. Powerful SAS 3.0 RAID Controllers with up to 8 GB cache are also available. Redundant (2x1GbE) LAN as standard, plus 25/10 Gb Ethernet controller options round out the networking capabilities.	■ Powerful mono-socket compute and memory accelerate performance across both individual and virtualized business and industry workloads. Full-featured base units (with 8x 2.5-inch or 2x 3.5-inch storage drives, dual Gigabit LAN standard) to meet diverse SME storage needs.
FLEXIBLE, FUTURE-READY PLATFORM ■ Server expandability for investment protection enabled via a range of PCIe expansion slots, with 4x PCIe (Gen 4/3) slots split between 2x PCIe Gen4 x8 and 2x PCIe Gen3 x4. The two PCIe Gen4 x8 slots can even be converted into a single PCIe Gen4 x16 slot. TPM 2.0 support and Fujitsu's secure 3-way lock secure the data. The flexible design also boosts user efficiency for OS installation: it supports 2x M.2 modules, plus dual microSD modules, also offers new 3.2 Gen2 USB ports (a total of 3x 3.2 Gen2, 1x 3.2 Gen1, 4x USB 2.0) to enhance peripheral device connectivity.	■ Versatile 4x PCIe Gen4/3 slots (2x Gen4) to enable upgrades, with advanced options (RAID, networking, and graphics). Secure storage features protect data while M.2, dual microSD devices support flexible software boot and new high data rate USB ports enable the latest peripheral devices.
EFFICIENT AND RELIABLE BY DESIGN ■ The TX1320 M5's base units offer cost-optimized standard power supplies (available with both 3.5-inch and 2.5-inch drive base units) or dual power supplies (available with a 2.5-inch drive base unit). The high-efficiency, dual 500W Platinum power supplies (94% efficiency) offer both hot-plug capability and redundancy.	■ Designed to be good for both the business and the environment. Choose from amongst a 3.5-inch drive base unit with a value-oriented standard power supply, or the 2.5-inch drive base units which offer either a standard power supply or dual, hot-plug 500W power supplies for enhanced reliability and with high energy-efficiency.
DEPLOY ANYWHERE, SERVICE AND MANAGE EASILY ■ The server has an ultra-small form factor with silent operation, and Fujitsu's Cool-safe® Advanced Thermal Design technology for an expanded range of operation. It is also designed for enhanced serviceability with easy, fast and comfortable access to critical components, and also has a new dust-protection kit. It also fields the comprehensive Fujitsu iRMC S6, and the Infrastructure Manager (ISM) software suite. The iRMC S6 allows powerful remote access capabilities. The free ISM Essential server management suite provides essential monitoring and firmware update of all supported devices, including servers, storage. and network switches, while you can also upgrade to the ISM Advanced, a powerful, fully featured version offering comprehensive infrastructure management capabilities such as support for multiple hardware configurations, physical and virtual network connection indicators and firmware baseline updates.	■ Ultra-compact, low noise, easy to maintain, with Fujitsu's Cool-safe® technology, and a new dust-protection kit enabling wide-spread deployment. The server's iRMC S6 and Fujitsu Infrastructure Manager (ISM) software suite enable efficient server remote management and infrastructure control.

Technical details

PRIMERGY TX1320 M5			
Base unit	PRIMERGY TX1320 M5 SFF/Red. PSU	PRIMERGY TX1320 M5 SFF/Std. PSU	PRIMERGY TX1320 M5 LFF/Std. PSU
Housing types	Ultra-compact form-factor	Ultra-compact form-factor	Ultra-compact form-factor
Storage drive architecture	2.5-inch	2.5-inch	3.5-inch
Power supply	Hot-plug	Standard	Standard
Product Type	Mono Socket Tower Server	Mono Socket Tower Server	Mono Socket Tower Server
Mainboard			
Mainboard type	D3931		
Chipset	Intel® C256		
Processor quantity and type	1 x Intel® Xeon® E-2300 processor family / Intel® Pentium® processor		
Processor	Intel® Xeon® processor E-2388G (8C/16T, 3.20 GHz, up to 4.6 GHz, 3,200 MHz)		
	Intel® Xeon® processor E-2386G (6C/12T, 3.50 GHz, up to 4.7 GHz, 3,200 MHz)		
	Intel® Xeon® processor E-2378G (8C/16T, 2.80 GHz, up to 4.6 GHz, 3,200 MHz)		
	Intel® Xeon® processor E-2378 (8C/16T, 2.60 GHz, up to 4.5 GHz, 3,200 MHz)		
	Intel® Xeon® processor E-2374G (4C/8T, 3.70 GHz, up to 4.9 GHz, 3,200 MHz)		
	Intel® Xeon® processor E-2356G (6C/12T, 3.20 GHz, up to 4.8 GHz, 3,200 MHz)		
	Intel® Xeon® processor E-2336 (6C/12T, 2.90 GHz, up to 4.6 GHz, 3,200 MHz)		
	Intel® Xeon® processor E-2334 (4C/8T, 3.40 GHz, up to 4.6 GHz, 3,200 MHz)		
	Intel® Xeon® processor E-2324G (4C/4T, 3.10 GHz, up to 4.5 GHz, 3,200 MHz)		
	Intel® Xeon® processor E-2314 (4C/4T, 2.80 GHz, up to 3.5 GHz, 3,200 MHz)		
	Intel® Pentium® Gold G6405 (2C/4T, 4.10 GHz, 2,666 MHz)		
Memory slots	4		
Memory slot type	UDIMM (DDR4)		
Memory capacity (min. - max.)	8 GB - 128 GB		
Memory protection	ECC		
Memory notes	support up to 3200 MT/s. Pentium CPU support up to 2666 MT/s only. Any mix of different memory modules with different order code is not supported.		
Interfaces			
USB 2.x ports	4 (Rear: 4x USB 2.0)		
USB 3.x ports	6 (Front: 1x USB 3.2 Gen2x2(20 Gbps) Type C, 1x USB 3.2 Gen1x1(5 Gbps) / Rear:, 2x USB 3.2 Gen2x1(10 Gbps) / Internal: 2x USB 3.2 Gen1x1(5 Gbps))		
Graphics (15-pin)	2 (1x Display Port (Integrated processor graphics) / 1x VGA (15-pin) / can be used exclusively)		
Serial connection	1 x RS232 (option)		
LAN / Ethernet	2		
Management LAN (RJ45)	1 x dedicated management LAN port for iRMC S6 (10/100/1000 Mbit/s) Management LAN traffic can be switched to shared onboard Gbit LAN port		
Onboard or integrated Controller			
Serial ATA total	7		
RAID controller	Optionally integrated RAID 0/1 or RAID 5/6 controller for SAS base units (occupies one PCIe slot). All hardware storage controller options are described under Components		
SATA controller type notes	Intel® C256, 1x SATA channel for ODD, 2x SATA channel for M.2, 4x SATA channel for HDD/SSD		
LAN Controller	Intel® i210 onboard 2 x 1 Gbit/s Ethernet (RJ45)		
Trusted Platform Module (TPM)	TPM 2.0 module (option)		
Slots			
PCI-Express 4.0 x8	2 x Low profile (2x PCIe 4.0 x8 slots can be switched to 1x PCIe 4.0 x16)		
PCI-Express 3.0 x4	2 x Low profile		
Slot Notes	PCIe 4.0 slot works as PCIe 3.0 with Pentium CPU.		

Drive bays		
Storage drive bays	3.5-inch non hot-plug or 2.5-inch hot-plug SAS/SATA or 2.5-inch NVMe drives	
Accessible drive bays	1 x 3.5/1.6-inch for backup devices 1 x 5.25/9.5mm for DVD-RW/Blu-ray	
Drive bays		
Storage drive bays	Max. 8x (4x + 4x) x 2.5-inch hot-plug	Max. 2 x 3.5-inch non hot-plug SATA
Accessible drive bays	1 x 3.5/1.6-inch for backup devices 1 x 5.25/0.4-inch for CD-RW/DVD	1 x 3.5/1.6-inch for backup devices 1 x 5.25/0.4-inch for CD-RW/DVD

Number of fans	
Fan configuration	1 standard fan
Fan notes	non redundant / non hot-plug
Operating panel	
Operating buttons	On/off switch NMI button Reset button ID button
Status LEDs	At system front side: Power (DC-On: green / AC-On: white) Global Error Indicator Identification (blue) Hard disks access (green) CSS (orange) At system rear side: Identification (blue) CSS (orange) Global error (orange) LAN connection (green) LAN speed (green / yellow)
Operating Systems and Virtualization Software	
Certified or supported operating systems and virtualization software	Windows Server 2022 Datacenter
	Windows Server 2022 Standard
	Windows Server 2022 Essentials
	Windows Server 2019 Datacenter
	Windows Server 2019 Standard
	Windows Server 2019 Essentials
	VMware vSphere™ 7.0
	SUSE® Linux Enterprise Server 15
	Red Hat® Enterprise Linux 8
Operating system release link	http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473
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.
Server Management	
DC Infrastructure Management	Infrastructure Manager (ISM) Essential Edition Advanced Edition
Server Management	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 / Weight	
Floor-stand (W x D x H)	98 x 400 x 340 mm

Dimensions / Weight	
Dimension notes	without feet
Weight	up to 11.1 kg
Weight notes	Actual weight may vary depending on configuration
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	According to ISO9296
Sound pressure (LpAm)	17 dB(A) (idle)/ 17 dB(A) (operating)
Sound power (LWAd; 1B = 10dB)	3.0B (idle)/ 3.0B (operating)
Noise notes	Noise emissions depend on operation modes, system configuration and ambient temperature.
Electrical values	
Power supply configuration	1 x standard, 1 x hot-plug, 2 x hot-plug redundant (depending on Model)
Hot-plug power supply redundancy	Optional
Active power (max. configuration)	613 W
Apparent power (max. configuration)	230V : 600VA 100V: 620 VA
Heat emission (max. configuration)	2206.8 kJ/h (2091.6 BTU/h)
Rated current max.	6A (100V) / 2.9A (240V)
Power supply	250W standard, 90% (Gold efficiency), 100-240V, 50 / 60Hz 500W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 500W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz
Compliance	
Product	PRIMERGY TX1320 M5
Model	PS1320A
Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment)
Germany	GS
Europe	CE
USA/Canada	NRTLc/us FCC Class A ICES-003 / NMB-003 Class A
Japan	VCCI Class A + JIS 61000-3-2 VCCI Class B + JIS 61000-3-2 (only for std. PSU base unit)
Russia	EAC
South Korea	KC
China	CCC
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 user may be required to take adequate measures.

Components

Backup Drives	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 Super Multi ultra slim , (8x DVD; 24x CD), ultraslim, SATA I
Hard disk drives	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
	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
Hard disk drives	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, 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, 600 GB , 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
	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, SED
	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, SED
	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, 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, 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
Solid-State-Drive	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, 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, 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, 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, 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, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 1.4 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, 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, 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, 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, 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, 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), 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, 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), 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, 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), 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)
	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, 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, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years)
	PCIe-SSD SFF, 1 TB, Read-Intensive, 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. PCIe 3.0 x8
SCSI / SAS Controller	Broadcom® PSAS CP503i LP SAS Ctrl. 12 Gbit/s 8 ports int. 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 EP580i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 Gbit/s 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP540i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 Gbit/s 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU based on LSI SAS3516
	Fujitsu PRAID EP520i LP, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3516
	Broadcom® PRAID CP600i LP, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, No FBU support
	Broadcom® PRAID CP500i LP, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, No FBU support
GPU computing card	NVIDIA® T400 4GB, 4 GB, 384 cores, 4GB, N/A, PCIe x16, 3 x miniDP

Warranty	
Warranty period	1 year
Warranty type	Onsite warranty
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM
Product Support - the perfect extension	
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 TX1320 M5, 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 TX1320 M5, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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Fujitsu green policy innovation

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