FUJITSU

Data Sheet
Fujitsu PRIMERGY TX1310 M3 Server

An ideal server for your essential workloads

PRIMERGY TX1310 M3

The FUJITSU Server PRIMERGY TX1310 M3 is ideal for Small and Medium-sized Enterprises and is designed to provide affordable performance for essential workloads. This mono-socket server supports the latest Intel® Xeon ® E3-1200 v6 product family, Core™ i3, Pentium® and Celeron® processors, plus up to 64GB main memory to deliver right sized performance for standard infrastructure workloads such as file, print, web or office applications. The server features a completely new compact chassis, up to four 3.5-inch drives (40TB max.), plus data backup and networking capability to ensure that it can handle a range of essential workload and deployment requirements. It also offers data safety during processing via ECC memory. The PRIMERGY TX1310M3 allows organizations to upgrade from standard personal computers to an affordable server class system which can operate round the clock, and help them securely consolidate their data. Moreover, the PRIMERGY TX1310 M3 is incredibly silent making it a great choice for offices and showrooms. The servers' screw-less chassis and new hard disk quick-release capability also make it ideal from the ease of use and serviceability perspective.

Features & Benefits

Main Features	Benefits
Right sized performance ■ Affordable processor choices tailored to your business needs. ■ Range of Intel® Xeon ® E3-1200 v6 product family, Core™ i3, Pentium® and Celeron® processors and up to 64 GB DDR4 ECC memory (4 DIMMs).	■ Ideal as a cost effective choice for many essential SME server tasks, such as file, print, web, office applications or even Industry-specific applications. ■ Provides ample performance for many small and medium sized businesses.
Server class features across the entire feature set ■ Enhance your storage with up to 4x 3.5-inch non-hot plug SATA storage drives (up to 40TB) and support for RDX backup devices. ■ Onboard Gigabit LAN as standard. ■ 4x PCIe Gen3 slots for scalability. ■ Error-correcting code (ECC) memory. ■ Enhanced cooling for 24x7 operation.	■ Upgrade from a PC to a server with high quality drives, large storage capacity plus professional data backup. ■ Transfer data with seamless, cost-effective connectivity. Additional optional networking cards are available for enhanced business specific needs. ■ Protect your investment with a design having headroom for growth. ■ Safety for your valuable enterprise data while it is being processed. ■ Keeps your business running non stop.
Enhanced ease of use and serviceability ■ Fujitsu's innovative Cool-safe ® Advanced Thermal Design technology and optimized air flow for low noise emissions. ■ Innovative new compact chassis design for enhanced serviceability.	■ Silent Operation and a wide range of operation (5 °C to 35 °C). ■ Screw-less chassis with easy, fast and comfortable access to the interior of the server, PCIe slots and brand new cold-plug drive designs with cable less access to the hard disks.

Technical details

PRIMERGY TX1310 M3	
Mainboard	
Chipset	Intel® C236
Processor quantity and type	1 x Intel® Xeon® processor E3-1200 v6 product family / Intel® Celeron® processor / Intel® Core™ i3 processor / Intel® Pentium® processor
Memory slots	4
Memory capacity (min. - max.)	4 GB - 64 GB
Interfaces	
USB 2.x ports	3 (1x internal for UFM device, Standard: 2x rear, Basic: no rear USB2.0)
USB 3.x ports	8 (2x front, 4x rear, 1x internal Type A, 1x internal for backup device)
Graphics (15-pin)	1 x Display Port (Intel iGfx prozessor graphics)
Serial 1 (9-pin)	1 x RS232 optional
LAN / Ethernet (RJ-45)	1 x Gbit/s Ethernet
I/O controller on board	
Serial ATA total	5
RAID controller	4 port SATA with RAID 0/1/10 for HDDs
SATA Controller	Intel® C236
LAN Controller	Intel® i219 onboard 10/100/1000 Mbit/s Ethernet PXE-Boot by LAN via PXE-Server, Teaming supported
Trusted Platform Module (TPM)	Infineon / TPM 1.2 or TPM 2.0 module; TCG compliant (option)
Slots	
PCI-Express 3.0 x4 (mech. x16)	1 x Full height, up to 215 mm length
PCI-Express 3.0 x16	1 x Full height, up to 240 mm length
Slot Notes	Standard: 2x PCIe x1 (notched), both slots are Full height. One slot up to 215mm Length and one slot up to 168mm Length, Basic: n.a.
Drive bays	
Storage drive bay configuration	SATA only
Notes accessible drives	2 (1x 9.5mm for DVD/DVD-RW, 1x 5.25-inch half height)
Fan Configuration	
Fan configuration	Silent system fans
Fan notes	Non hot-plug
Operating panel	
Operating buttons	On/off switch
Status LEDs	Power (green)
Operating Systems and Virtualization Software	
Operating system release link	Support of other Linux derivatives on demand
Operating system notes	Red Hat® certification starting with version 5.9 / 6.4.
Server Management	
Dimensions / Weight	
Floor-stand (W x D x H)	180 x 313 x 374 mm
Weight	up to 12 kg
Environment	
Electrical values	
Power supply configuration	1 x standard power supply

Electrical values

Active power (max. configuration)	139 W
Apparent power (max. configuration)	140 VA
Heat emission (max. configuration)	500.4 kJ/h (474.3 BTU/h)
Rated current max.	3.5A (100 V) / 1.5 A (240 V)
Active power note	To estimate the power consumption of different configurations use the Fujitsu Product Configurator: www.fujitsu.com/configurator/public
Power supply	250W standard, 85% (Bronze efficiency), 100-240V, 50 / 60Hz

Compliance

Product	PRIMERGY TX1310 M3
Model	MI6W
Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment)
Germany	GS
Europe	CE
USA/Canada	CSA us ULc/us FCC Class A
Japan	VCCI:V3 Class A + JIS 61000-3-2
South Korea	KC
China	CCC (planned)
Australia/New Zealand	C-Tick (AS / NZS CISPR 22 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

Warranty

Warranty period	1 year
Warranty type	Onsite Service

Product Support - the perfect extension

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 Response Time: 4h
Spare Parts availability	5 years
Service Weblink	http://ts.fujitsu.com/Supportservice

More information

Fujitsu platform solutions

In addition to Fujitsu PRIMERGY TX1310 M3, 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/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu PRIMERGY TX1310 M3, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://www.fujitsu.com/global/products/computing/servers/primergy/tower/tx1310m3/

Fujitsu green policy innovation

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