

Data Sheet

Fujitsu PRIMERGY TX1310 M1 Server

The ideal first server

PRIMERGY TX1310 M1

The Fujitsu PRIMERGY TX1310 M1 is the ideal first server for small and medium-sized businesses. With plenty of RAM and Intel® Xeon® processor support it offers more than enough performance for all classic server tasks, such as file, print, web or office applications. The small tower server is build for reliable 24/7 operation and guarantees data safety by high-end features like ECC memory and an onboard RAID controller. Thanks to the screwless chassis and Fujitsu's Easy Rails for hard disks the server is easy to service. Moreover, the PRIMERGY TX1310 M1 is incredibly silent making it an excellent choice for any office environment.



Features & Benefits

Main Features	Benefits
<p>Cost effective performance</p> <ul style="list-style-type: none">■ Intel® Xeon® E3-1200 v3 product family with up to 4 cores■ Up to 32 GB ECC memory (4 DIMMs) and 4 PCIe slots	<ul style="list-style-type: none">■ Provides more than enough performance for small and medium-sized businesses■ Ideal for all classic server tasks, such as file, print, web or office applications■ High storage capacity for even larger file sets in combination with professional data backup■ Supports special solutions like control or telephone systems■ Redundant LAN connection for higher reliability■ Data safety like in high-end server systems
<p>24/7 reliability at the best price</p> <ul style="list-style-type: none">■ Up to 4x 3.5-inch non-hot plug SATA storage drives and support for RDX backup devices■ 4 PCIe Gen2/3 slots for e.g. additional LAN or graphics cards■ 2x onboard Gigabit LAN■ Error-correcting code (ECC) memory	
<p>Silent, compact, and easy to service</p> <ul style="list-style-type: none">■ Low noise emissions through optimized air flow and Fujitsu's Cool-safe® technology■ Compact chassis■ Screwless chassis and "Easy Rails" for hard disks	

Technical details

PRIMERGY TX1310 M1

Base unit	PRIMERGY TX1310 M1 LFF	PRIMERGY TX1310 M1 Essential Edition
Housing types	Tower	Tower
Storage drive architecture	3.5-inch	3.5-inch
Power supply	Standard	Standard
Product Type	Mono Socket Tower Server	Mono Socket Tower Server

Mainboard

Chipset	Intel® C226	
Processor quantity and type	Intel® Celeron® processor / Intel® Core™ i3 processor / Intel® Pentium® processor / Intel® Xeon® processor E3-1200 v3 product family	
Mainboard type	D 3219	D 3219-B
Processor quantity and type	1 x Intel® Xeon® processor E3-1200 v6 product family Intel® Celeron® processor Intel® Core™ i3 processor Intel® Pentium® processor	1 x Intel® Celeron® processor Intel® Pentium® processor
Processor notes		Essential Edition does not support Intel® Xeon® and Core i3 processors
Memory slots	4	2
Memory slot type	DIMM (DDR3)	DIMM (DDR3)
Memory capacity (min. - max.)	2 GB - 32 GB	2 GB - 16 GB
Memory protection	ECC	ECC

Interfaces

USB 2.0 ports	4 (4x rear)
USB 3.0 ports	5 (2x front, 2x rear, 1x internal for backup device)
Graphics (15-pin)	1 x VGA (Intel iGfx processor graphics)
Serial 1 (9-pin)	1 x RS232
LAN / Ethernet (RJ-45)	2 x Gbit/s Ethernet

I/O controller on board

Serial ATA total	6
RAID controller	4 port SATA with RAID 0/1/10 for HDDs
SATA Controller	Intel® C226
LAN Controller	Intel® i217 + Intel® i210 onboard 2 x 10/100/1000 Mbit/s Ethernet PXE-Boot by LAN via PXE-Server, Teaming supported
Trusted Platform Module (TPM)	Infineon / 1.2 (option)

Slots

PCI-Express 3.0 x8	2 x notched supporting x16 card	2 x notched supporting x16 card
PCI-Express 2.0 x1 (mech. x4)	1 x	0 x
PCI-Express 2.0 x4 (mech. x8)	1 x	0 x

Drive bays

Storage drive bay configuration	4x 3.5" easy change SATA
Notes accessible drives	2 (1 bay is occupied by DVD/DVD-RW, 3.5-inch)

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**

Operating system notes	Support of other Linux derivatives on demand Red Hat® certification starting with version 5.9 / 6.4.
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Server Management**Dimensions / Weight**

Floor-stand (W x D x H)	175 x 419 x 395 mm
Weight	up to 14 kg

Environment**Electrical values**

Power supply configuration	1 x standard power supply
Active power (max. configuration)	209 W
Apparent power (max. configuration)	211 VA
Heat emission (max. configuration)	752.4 kJ/h (713.1 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 Power Calculator of the System Architect: http://configurator.ts.fujitsu.com/public/
Power supply	250W standard, 90% (Gold efficiency), 100-240V, 50 / 60Hz

Compliance

Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronic 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 Services - the perfect extension

Warranty

Support Pack Options	Globally available in major business areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time (depending on country) 24x7, 4h Onsite Response Time (depending on country)
Recommended Service	24x7, Onsite Response Time: 4h
Spare Parts availability	5 years
Service Weblink	http://ts.fujitsu.com/Supportservice

More information

Fujitsu platform solutions

In addition to Fujitsu PRIMERGY TX1310 M1, 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 M1, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://www.fujitsu.com/global/products/computing/servers/primergy/tower/tx1310m1/>

Fujitsu green policy innovation

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