

Data Sheet

Fujitsu PRIMERGY TX1310 M3 Tower Server

An ideal server for your essential workloads

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 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 |
|--|---|
| <p>Right sized performance</p> <ul style="list-style-type: none"> 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). <p>Server class features across the entire feature set</p> <ul style="list-style-type: none"> 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. <p>Enhanced ease of use and serviceability</p> <ul style="list-style-type: none"> 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. | <ul style="list-style-type: none"> 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. 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. 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

| | |
|----------------------------|--------------------------|
| Base unit | PRIMERGY TX1310 M3 LFF |
| Housing types | Tower |
| Storage drive architecture | 3.5-inch |
| Power supply | Standard |
| Product Type | Mono Socket Tower Server |

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 |
| Mainboard type | D 3521 |
| 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 |
| Memory slots | 4 |
| Memory slot type | DIMM (DDR4) |
| Memory capacity (min. - max.) | 4 GB - 64 GB |
| Memory protection | ECC |

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 processor 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) |
| Storage drive bays | 4 x 3.5-inch cold-plug SATA |

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 | http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473 |
| Operating system notes | Support of other Linux derivatives on demand Red Hat® certification starting with version 5.9 / 6.4. 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 ServerView Suite |

Dimensions / Weight

| | |
|-------------------------|--------------------|
| Floor-stand (W x D x H) | 180 x 313 x 374 mm |
| Weight | up to 12 kg |

Environment

| | |
|-------------------------------|---|
| Operating ambient temperature | 5 - 35 °C |
| Operating temperature note | ETSI 300 019-2-3 Class 3.1 |
| 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 (LpAm at bystander position) |
| Sound pressure (LpAm) | 23 dB(A) (idle)/ 24 dB(A) (operating) |
| Sound power (LWAd; 1B = 10dB) | 4.0B (idle)/ 4.0B (operating) |
| Noise notes | Noise emissions depends on operation modes, system configuration and ambient temperature. |

Electrical values

| | |
|-------------------------------------|---|
| Power supply configuration | 1 x standard power supply |
| 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) |

Compliance

| | |
|-----------------------|--|
| 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 |
| Warranty Terms & Conditions | http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM |
| 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 |
| Service Lifecycle | at least 5 years after shipment, for details see https://support.ts.fujitsu.com/ |
| Spare Parts availability | 5 years |
| Service Weblink | http://www.fujitsu.com/fts/products/product-support-services/ |

More information

Fujitsu products, solutions & services

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.

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 TX1310 M3, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/primergy

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>



Copyrights

All rights reserved, including intellectual property rights. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see <https://www.fujitsu.com/global/about/resources/terms/>
Copyright 2023 Fujitsu LIMITED

Disclaimer

Please note that the data sheet reflects the technical specification with the maximum selection of components for the named system and not the detailed scope of delivery. The scope of delivery is defined by the selection of components at the time of ordering. The product was developed for normal business use.

Technical data is subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective owner, the use of which by third parties for their own purposes may infringe the rights of such owner.