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

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

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

#### 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 (1 x 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)

#### 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
  - 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

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active power (max. configuration)</td>
<td>139 W</td>
</tr>
<tr>
<td>Apparent power (max. configuration)</td>
<td>140 VA</td>
</tr>
<tr>
<td>Heat emission (max. configuration)</td>
<td>500.4 kJ/h (474.3 BTU/h)</td>
</tr>
<tr>
<td>Rated current max.</td>
<td>3.5A (100 V) / 1.5 A (240 V)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Product</th>
<th>PRIMERGY TX1310 M3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>M16W</td>
</tr>
</tbody>
</table>

Global

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

VCC/CLV3 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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