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

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<th>Main Features</th>
<th>Benefits</th>
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<td><strong>Right sized performance</strong></td>
<td>Ideal as a cost effective choice for many essential SME server tasks, such as file, print, web, office applications or even Industry-specific applications.</td>
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<td>- Affordable processor choices tailored to your business needs.</td>
<td>Provides ample performance for many small and medium sized businesses.</td>
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<td>- 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).</td>
<td>Upgrade from a PC to a server with high quality drives, large storage capacity plus professional data backup.</td>
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<td><strong>Server class features across the entire feature set</strong></td>
<td>Transfer data with seamless, cost-effective connectivity. Additional optional networking cards are available for enhanced business specific needs.</td>
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<td>- 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.</td>
<td>Protect your investment with a design having headroom for growth.</td>
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<td>- Onboard Gigabit LAN as standard.</td>
<td>Safety for your valuable enterprise data while it is being processed.</td>
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<td>- 4x PCIe Gen3 slots for scalability.</td>
<td>Keeps your business running non stop.</td>
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<td>- Error-correcting code (ECC) memory.</td>
<td>Silent Operation and a wide range of operation (5 °C to 35 °C).</td>
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<td>- Enhanced cooling for 24x7 operation.</td>
<td>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.</td>
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<td><strong>Enhanced ease of use and serviceability</strong></td>
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<td>- Fujitsu's innovative Cool-safe ® Advanced Thermal Design technology and optimized air flow for low noise emissions.</td>
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<td>- Innovative new compact chassis design for enhanced serviceability.</td>
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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 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
PX-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
Components
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.

More information

Learn more about Fujitsu PRIMERGY TX1310 M3, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.

Fujitsu green policy innovation

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