

# Data Sheet

## Fujitsu PRIMERGY TX1330 M2 Server

Expandable all-round server for SMEs

---

### PRIMERGY TX1330 M2

The FUJITSU Server PRIMERGY TX1330 M2 is the ideal robust, expandable, and cost-efficient server for small and medium-sized businesses (SMB) or branch offices. It offers best Intel® Xeon® E3 family performance and great expandability thanks to up to 24 hot-plug storage drives. The optional redundancy features and a choice of different RAID controllers ensure high availability and peace of mind. Thanks to its compact housing and low operating noise the server is ideally suited for showrooms or offices, for example under the desk. The support of legacy PCI adapter cards makes the PRIMERGY TX1330 M2 optimally suited for special solutions, such as telephone or security systems. Furthermore, the comprehensive Fujitsu ServerView® Suite provides support for administrators during server installation, deployment and administration.



# Features & Benefits

Main Features	Benefits
<p><b>Cost-effective performance meets high availability</b></p> <ul style="list-style-type: none"> <li>■ Latest Intel® Xeon® processor E3 v5 family technology</li> <li>■ Optional redundant fans and hot-plug power supply units</li> </ul>	<ul style="list-style-type: none"> <li>■ Optimized for classic server tasks like business applications, file, print or databases</li> <li>■ Lean server or high availability? Redundancy features exactly tailored to suit the business</li> <li>■ Silent operation for use in offices or showrooms</li> <li>■ Small and silent enough to be placed under desks</li> <li>■ The comprehensive tools of the Fujitsu ServerView Suite eases the administrator's life</li> <li>■ Meet today's demand and be prepared for future requirements</li> <li>■ Support for special solutions like telephone or security systems</li> <li>■ The PRIMERGY TX1330 M2 grows as the company grows, making it an excellent long-term investment</li> <li>■ Keeps the server running during short blackouts or voltage fluctuations and enables a graceful shutdown</li> <li>■ Same life time as the server – no maintenance necessary</li> <li>■ Easy and clean setup: no cabling, no separate device</li> </ul>
<p><b>Optimized for SMEs</b></p> <ul style="list-style-type: none"> <li>■ Low noise emissions through optimized air flow and Fujitsu's Cool-safe® technology</li> <li>■ Compact 4 U chassis</li> <li>■ Fujitsu ServerView Suite including tools for installation and deployment, permanent status monitoring and control</li> </ul>	
<p><b>Lifecycle investment protection</b></p> <ul style="list-style-type: none"> <li>■ Great scalability with up to 64 GB DDR4 memory, up to 24 storage drives and 4 PCI slots</li> <li>■ Support for legacy PCI cards</li> <li>■ Tower to rack conversion kit and extensive connectivity options</li> </ul>	
<p><b>Integrated UPS - Easy &amp; reliable</b></p> <ul style="list-style-type: none"> <li>■ The Fujitsu FJBU internal battery backup is an alternative for classical UPS devices</li> <li>■ Compact battery unit that fits into modular PSU slot</li> <li>■ Ni-MH battery allows for a very long life time (5 years)</li> <li>■ Full integration into server management environment</li> </ul>	

# Technical details

## PRIMERGY TX1330 M2

Base unit	PRIMERGY TX1330 M2	PRIMERGY TX1330 M2	PRIMERGY TX1330 M2
Housing types	Tower	Tower	Rack
Power supply	Standard	Hot-plug	Hot-plug
Product Type	Mono Socket Tower Server	Mono Socket Tower Server	Mono Socket Tower Server

## Mainboard

Mainboard type	D3373
Chipset	Intel® C236
Processor quantity and type	1 x Intel® Pentium® processor / Intel® Core™ i3 processor / Intel® Xeon® processor E3-1200 v5 product family
Memory slots	4
Memory slot type	DIMM (DDR4)
Memory capacity (min. - max.)	4 GB - 64 GB
Memory protection	ECC
Memory notes	Mix and match possible; with dual channel operation better performance (2 modules with equal capacity necessary). Single channel (1 module) configuration possible.
Memory modules notes	2,133 MHz memory modules

## Interfaces

USB 2.0 ports	5 (4x external rear, 1x internal for UFM, no USB wakeup supported)
USB 3.0 ports	5 (2x external rear, 2x external front, 1x internal)
Graphics (15-pin)	1 analog graphics interface derived from iRMC (up to 1600x1200 or 1920x1080 at 16bpp)
Serial connection	1 x serial RS-232-C
LAN / Ethernet	2 x1 Gb/s Ethernet; RJ45
Management LAN (RJ45)	1 x dedicated management LAN port for iRMC S4 (10/100/1000 Mbit/s) Management LAN traffic can be switched to shared onboard Gbit LAN port

## Onboard or integrated Controller

RAID controller	Optionally integrated RAID 0/1 or RAID 5/6 controller for SAS base units (occupies one PCIe slot). All hardware storage controller options are described under Components
SATA Controller	Intel® C236, 2 ports used for accessible drives
SATA controller type notes	4 port for internal SATA HDDs with RAID 0, 1, 10 for Windows and Linux;
LAN Controller	Intel® i210 onboard 2 x 10/100/1000 Mbit/s Ethernet iSCSI, PXE-Boot and WoL are supported
Remote management controller	Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible
Trusted Platform Module (TPM)	Infineon / TPM 1.2 or TPM 2.0 module; TCG compliant (option)

## Slots

PCI-Express 3.0 x1 (mech. x4)	1 x Full height, up to 168 mm length
PCI-Express 3.0 x4	1 x Full height, up to 168 mm length
PCI-Express 3.0 x8	2 x Full height, up to 240 mm length
Slot Notes	Optional PCIe to legacy PCI adapter available. In SAS configuration 1x PCI-Express occupied by modular RAID controller.

## Drive bays

Storage drive bays	3.5-inch or 2.5-inch hot-plug SAS/SATA
Accessible drive bays	3 x 5.25/1.6-inch
Notes accessible drives	all possible options described in relevant system configurator

## Drive bays

Storage drive bays	Max. 4x 3.5-inch or 8x 2.5-inch	Max. 12x 3.5-inch or 24x 2.5-inch
--------------------	---------------------------------	-----------------------------------

<b>Drive bays</b>		
Accessible drive bays	3 x 5.25/1.6-inch for 1 x backup drive + 1 x ODD	3 x 5.25/1.6-inch for 1 x backup drive + 1 x ODD
<b>Fan Configuration</b>		
Number of fans	1	2
Fan configuration	1 standard fan	redundant fans
Fan notes	non redundant / non hot-plug	non hot-plug
<b>Operating panel</b>		
Operating buttons	On/off switch NMI button Reset button	
Status LEDs	System status (orange / yellow) Identification (blue) Hard disks access (green) Power (orange / green) At system rear side: System status (orange / yellow) Identification (blue) LAN connection (green) LAN speed (green / yellow) CSS (yellow)	
<b>BIOS</b>		
BIOS features	ROM based setup utility Recovery BIOS BIOS settings save and restore Local BIOS update from USB device Online update tools for main Linux versions Local and remote update via ServerView Update Manager Remote PXE boot support Remote iSCSI boot support	
<b>Operating Systems and Virtualization Software</b>		
Operating system release link	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473">http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473</a>	
Operating system notes	Support of other Linux derivatives on demand	
<b>Server Management</b>		
<b>Dimensions / Weight</b>		
Floor-stand (W x D x H)	177 x 560 x 455 mm	
Rack (W x D x H)	483 x 495 x 175 mm	
Dimension notes	<b>Floorstand Width 306 mm with tilt protection; depth measured excludes handles on redundant PSU. Rack depth excludes handles of redundant PSU and rack front.</b>	
Mounting Depth Rack	543 mm	
Height Unit Rack	4 U	
Weight	Rack: 13 kg - 25 kg; Tower: 15kg - 28 kg	
Weight notes	Actual weight may vary depending on configuration	
Rack integration kit	Rack integration kit can be ordered as option	
<b>Environment</b>		
<b>Electrical values</b>		
Power supply configuration	1 x standard power supply or 1 x hot-plug power supply or 2x hot-plug power supply for redundancy depending on model	
Hot-plug power supply redundancy	Optional	
Active power (max. configuration)	231 W	
Apparent power (max. configuration)	235 VA	
Heat emission (max. configuration)	831.6 kJ/h (788.2 BTU/h)	
Rated current max.	5 A (100 V) / 2.5 A (240 V)	

**Electrical values**

Active power note	To estimate the power consumption of different configurations use the Power Calculator of the System Architect: <a href="http://configurator.ts.fujitsu.com/public/">http://configurator.ts.fujitsu.com/public/</a>
Power supply	300W standard, 90% (Gold efficiency), 100-240V, 50 / 60Hz 450W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz
Power supply notes	Power Safeguard adapts system performance in case the power requirements exceeds supply limits.
Battery backup	Fujitsu Battery Unit 380W, 12V (as option)

**Compliance**

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
Russia	GOST-R
South Korea	KC
China	CCC
Australia/New Zealand	C-Tick
Taiwan	BSMI
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>
Compliance notes	* 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 warranty
<b>Product Support Services - the perfect extension</b>	
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 - For locations outside of EMEA please contact your local Fujitsu partner.
Service Lifecycle	5 years after end of product life
Spare Parts availability	5 years
Service Weblink	<a href="http://www.fujitsu.com/fts/services">http://www.fujitsu.com/fts/services</a>

# More information

## Fujitsu platform solutions

In addition to Fujitsu PRIMERGY TX1330 M2, 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/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about Fujitsu PRIMERGY TX1330 M2, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/global/products/computing/servers/primergy/rack/tx1330m2/](http://www.fujitsu.com/global/products/computing/servers/primergy/rack/tx1330m2/)

## Fujitsu green policy innovation

## Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. 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 manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.  
For further information see [http://ts.fujitsu.com/terms\\_of\\_use.html](http://ts.fujitsu.com/terms_of_use.html)  
Copyright © Fujitsu Technology Solutions

## Disclaimer

Technical data are 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 manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner

## Contact

FUJITSU LIMITED  
Mies-van-der-Rohe-Straße 8  
80807 München  
Germany  
Website: [www.ts.fujitsu.com](http://www.ts.fujitsu.com)  
2019-11-01 CE-EN

All rights reserved, including intellectual property rights. Changes to technical data reserved. 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 manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.  
For further information see [http://ts.fujitsu.com/terms\\_of\\_use.html](http://ts.fujitsu.com/terms_of_use.html)  
Copyright © Fujitsu Technology Solutions