

# Data Sheet

## Fujitsu PRIMERGY TX1330 M2 Server

Expandable all-round server for SMEs

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### 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)<br>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<br>2 x 10/100/1000 Mbit/s Ethernet<br>iSCSI, PXE-Boot and WoL are supported   |
| Remote management controller  | Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller)<br>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.<br>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<br>NMI button<br>Reset button   |  |
| Status LEDs  | System status (orange / yellow)<br>Identification (blue)<br>Hard disks access (green)<br>Power (orange / green)<br>At system rear side:<br>System status (orange / yellow)<br>Identification (blue)<br>LAN connection (green)<br>LAN speed (green / yellow)<br>CSS (yellow)     |  |
| <b>BIOS</b>  |   |  |
| BIOS features  | ROM based setup utility<br>Recovery BIOS<br>BIOS settings save and restore<br>Local BIOS update from USB device<br>Online update tools for main Linux versions<br>Local and remote update via ServerView Update Manager<br>Remote PXE boot support<br>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  | Preliminary Information, may be updated later: 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<br>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<br>RoHS (Substance limitations in accordance with global RoHS regulations)<br>WEEE (Waste electrical and electronical equipment)  |
| Germany               | GS   |
| Europe                | CE   |
| USA/Canada            | CSA us<br>ULc/us<br>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:<br>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 Related Services - the perfect extension</b> |   |
| Support Pack Options                                    | X - Globally available in major business areas:<br>9x5, Next Business Day Onsite Response Time<br>9x5, 4h Onsite Response Time (depending on country)<br>24x7, 4h Onsite Response Time (depending on country) |
| Recommended Service                                     | X - 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   |
| 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

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