

Data Sheet

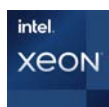
FujitsuTower Server

Highly expandable new-generation server for typical SME business requirements

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.

The Fujitsu PRIMERGY Server TX1330 M5 is an advanced technology server, highly expandable and robust, designed to meet classic small and medium-sized enterprise requirements across industries. It features the latest Intel® Xeon® E-2300 product family processors plus up to 128GB DDR4 memory at 3,200 MT/s to boost performance across standard business workloads such as file/print, web, ERP/CRM, email, business specific applications. The server has high levels of secure expandability for consolidating and managing large datasets, with up to 24x 2.5-inch hot-plug storage devices (3.5-inch drive configurations are also available) along with 4x low latency PCIe SSD devices (up to 16x 2.5-inch devices can be fielded alongside), advanced RAID controllers (up to 4/8GB cache) and data back-up options. Up to 4 PCIe slots (Gen4/3) are available to add RAID cards, networking options (such as 10/25 Gb controllers). High availability features such as high-efficiency redundant power supplies plus redundant fans ease operator concerns and provide investment protection. The aesthetic design makes it suitable for deployment in public areas such as showrooms, retail premises or

offices. M.2 modules for efficient OS installation along with dual microSD capability for VMware ESXi, plus USB 3.2 Gen 2 ports enhance the server's functionality. Furthermore, advanced remote server management and centralized infrastructure management are available via iRMC S6, and the Fujitsu Infrastructure Management Suite (ISM) respectively, with an ISM Essential license available free-of-charge and ISM Advanced available as an option.



Features & Benefits

| Main Features | Benefits |
|---|--|
| <p>HIGHLY EXPANDABLE AND PERFORMANCE ORIENTED</p> <ul style="list-style-type: none"> Enhanced compute/memory with the latest Intel® Xeon® E-2300 product family processors, plus affordable Pentium® and up to 128GB DDR4 memory (4 DIMMs) at 3,200 MT/s. High storage and networking expandability with the server supporting up to 4x PCIe-SSD devices plus either 8x3.5-inch storage devices or 16x2.5-inch devices. Maximal capacity with standard drives is up to 12x3.5-inch storage devices, or up to 24x2.5-inch devices. It also supports Fujitsu's powerful RAID controllers (including SAS 3.0, 4/8 GB cache). Backup options include LTO and RDX. Security optimization includes TPM 2.0 support plus Fujitsu's secure 3-way lock for server access. Server also features redundant (2x1GbE) LAN as standard plus advanced networking options (10/25Gb Ethernet, Fiber Channel controllers). | <ul style="list-style-type: none"> Powerful compute and memory for excellent performance across both individual and virtualized, standard business workloads. Furthermore, the design is ideal for securely managing large datasets with its substantial storage (24x 2.5-inch, or 12x 3.5-inch devices) advanced RAID, dual Gigabit LAN (plus advanced options) and security features (3-way lock, TPM 2.0). |
| <p>TOP OF THE LINE UPGRADEABILITY</p> <ul style="list-style-type: none"> 4x PCIe Gen 4/3 slots split between 2x PCIe Gen4 x8 and 2x PCIe Gen3 x4. The two PCIe Gen4 x8 slots can even be converted into a single PCIe Gen4 x16 slot. Plus, deployment flexibility via rack upgrade capability. Supports 2x M.2 modules, Dual microSD modules for efficient boot requirements. New 3.2 Gen2 USB ports (3x 3.2 Gen2 plus 1x 3.2 Gen1, 4x 2.0) for newer generation peripheral devices. | <ul style="list-style-type: none"> Grow with the business with 4x PCIe Gen4/3 slots (2x Gen4) for upgrades (RAID, networking and graphics) while a rack upgrade kit enables scale-out deployment. M.2, dual MicroSD devices enable effective software boot, while new high data-rate USB 3.2 Gen2 USB ports enhance connectivity. |
| <p>KEEP PACE WITH EXPANDING USAGE SCENARIOS</p> <ul style="list-style-type: none"> Good for both the environment and your business, high efficiency, hot-plug power supplies (94% efficiency) boost reliability for your critical business operations. Furthermore, optimized air flow and Fujitsu's Cool-safe® Advanced Thermal Design technology offer expanded deployment capability. | <ul style="list-style-type: none"> New high efficiency, redundant power supplies offer enhanced reliability and lower energy expenditure despite heavy usage scenarios. Cool-safe® Advanced Thermal Design technology allows for an expanded range of operation and reduced noise, enabling deployment in public areas. |
| <p>EASY MANAGEMENT AND SERVICEABILITY</p> <ul style="list-style-type: none"> A comprehensive software management suite with the iRMC S6 and the FUJITSU Infrastructure Manager (ISM) Suite, plus server serviceability features reduce the IT administrator's burden. The new iRMC S6 improves remote access of your servers round the clock, while ISM offers seamless, holistic, and centralized management of your IT infrastructure. Two versions of ISM are available. A free entry-level version, ISM Essential, provides essential monitoring and firmware update of all supported devices, including servers, storage and network switches. The ISM Advanced option is a powerful, fully featured version offering comprehensive infrastructure management capabilities such as support for multiple hardware configurations, physical and virtual network connection indicators and firmware baseline updates. | <ul style="list-style-type: none"> The iRMC S6 and Fujitsu Infrastructure Manager (ISM) suite enable efficient and simplified server and infrastructure management, boosting IT administrator productivity. The design also has hot-plug components and quick access of critical components to enable easy serviceability. |

Technical details

| | | | |
|---|--|--------------------------|--------------------------|
| Base unit | PRIMERGY TX1330 M5 | PRIMERGY TX1330 M5 | |
| Housing types | Rack | Tower | Tower |
| Power supply | Hot-plug | Hot-plug | Standard |
| Product Type | Mono Socket Tower Server | Mono Socket Tower Server | Mono Socket Tower Server |
| Mainboard | | | |
| Mainboard type | D3931 | | |
| Chipset | Intel® C256 | | |
| Processor quantity and type | 1 x Intel® Xeon® E-2300 processor family / Intel® Pentium® processor | | |
| Processor | | | |
| | Intel® Xeon® processor E-2388G (8C/16T, 3.20 GHz, up to 4.6 GHz, 3,200 MHz) | | |
| | Intel® Xeon® processor E-2386G (6C/12T, 3.50 GHz, up to 4.7 GHz, 3,200 MHz) | | |
| | Intel® Xeon® processor E-2378G (8C/16T, 2.80 GHz, up to 4.6 GHz, 3,200 MHz) | | |
| | Intel® Xeon® processor E-2378 (8C/16T, 2.60 GHz, up to 4.5 GHz, 3,200 MHz) | | |
| | Intel® Xeon® processor E-2374G (4C/8T, 3.70 GHz, up to 4.9 GHz, 3,200 MHz) | | |
| | Intel® Xeon® processor E-2356G (6C/12T, 3.20 GHz, up to 4.8 GHz, 3,200 MHz) | | |
| | Intel® Xeon® processor E-2336 (6C/12T, 2.90 GHz, up to 4.6 GHz, 3,200 MHz) | | |
| | Intel® Xeon® processor E-2334 (4C/8T, 3.40 GHz, up to 4.6 GHz, 3,200 MHz) | | |
| | Intel® Xeon® processor E-2324G (4C/4T, 3.10 GHz, up to 4.5 GHz, 3,200 MHz) | | |
| | Intel® Xeon® processor E-2314 (4C/4T, 2.80 GHz, up to 3.5 GHz, 3,200 MHz) | | |
| | Intel® Pentium® Gold G6405 (2C/4T, 4.10 GHz, 2,666 MHz) | | |
| Memory slots | 4 | | |
| Memory slot type | UDIMM (DDR4) | | |
| Memory capacity (min. - max.) | 8 GB - 128 GB | | |
| Memory protection | ECC | | |
| Memory notes | support up to 3200 MT/s. Pentium CPU support up to 2666 MT/s only. Any mix of different memory modules with different order code is not supported. | | |
| Interfaces | | | |
| USB 2.x ports | 4 (Rear: 4x USB 2.0) | | |
| USB 3.x ports | 6 (Front: 1x USB 3.2 Gen2x2(20 Gbps) Type C, 1x USB 3.2 Gen1x1(5 Gbps) / Rear: 2x USB 3.2 Gen2x1(10 Gbps) / Internal: 2x USB 3.2 Gen1x1(5 Gbps)) | | |
| Graphics (15-pin) | 2 (1x Display Port (Integrated processor graphics) / 1x VGA (15-pin) / can be used exclusively) | | |
| Serial connection | 1 x RS232 (option) | | |
| LAN / Ethernet | 2 | | |
| Management LAN (RJ45) | 1 x dedicated management LAN port for iRMC S6 (10/100/1000 Mbit/s) Management LAN traffic can be switched to shared onboard Gbit LAN port | | |
| Onboard or integrated Controller | | | |
| Serial ATA total | 7 | | |
| 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 type notes | Intel® C256, 1x SATA channel for ODD, 2x SATA channel for M.2, 4x SATA channel for HDD/SSD | | |
| LAN Controller | Intel® i210 onboard 2 x 1 Gbit/s Ethernet (RJ45) | | |
| Trusted Platform Module (TPM) | TPM 2.0 module (option) | | |
| Slots | | | |
| PCI-Express 4.0 x8 | 2 x Full height (2x PCIe 4.0 x8 slots can be switched to 1x PCIe 4.0 x16) | | |
| PCI-Express 3.0 x4 | 2 x Full height | | |
| Slot Notes | PCIe 4.0 slot works as PCIe 3.0 with Pentium CPU. | | |
| Drive bays | | | |
| Storage drive bays | 3.5-inch or 2.5-inch hot-plug SAS/SATA or 2.5-inch NVMe drives | | |

Drive bays

| | |
|-------------------------|--|
| Accessible drive bays | 3 x 5.25/1.6-inch |
| Notes accessible drives | all possible options described in relevant system configurator |

Drive bays (Base unit specific)

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|-----------------------|---|--|
| Storage drive bays | Max. 12x 3.5-inch or 24x 2.5-inch | Max. 4x 3.5-inch or 8x 2.5-inch |
| Accessible drive bays | Accessible drive bays are not available in case of max. storage drive configuration | 3 x 5.25/1.6-inch for 1 x backup drive + 1 x ODD |
| Number of fans | 2 | 1 |
| Fan configuration | redundant fans | 1 standard fan |
| Fan notes | non hot-plug | non redundant / non hot-plug |

Operating panel

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|-------------------|--|
| Operating buttons | On/off switch NMI button Reset button ID button |
| Status LEDs | At system front side: Power (DC-On: green / AC-On: white) Global Error Indicator Identification (blue) Hard disks access (green) At system rear side: Identification (blue) CSS (orange) Global error (orange) LAN connection (green) LAN speed (green / yellow) |

Operating Systems and Virtualization Software

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|--|--|
| Certified or supported operating systems and virtualization software | Windows Server 2022 Datacenter Windows Server 2022 Standard Windows Server 2022 Essentials Windows Server 2019 Datacenter Windows Server 2019 Standard Windows Server 2019 Essentials VMware vSphere™ 7.0 SUSE® Linux Enterprise Server 15 Red Hat® Enterprise Linux 8 Univention Corporate Server 4 |
| Operating system release link | http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473 |
| Operating system notes | 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

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|------------------------------|---|
| DC Infrastructure Management | Infrastructure Manager (ISM) Essential Edition Advanced Edition |
| Server Management | Infrastructure Manager (ISM) Essential Edition Advanced Edition |
| Management notes | For further information regarding ISM and ServerView Suite see dedicated data sheets. |
| Manageability link | http://docs.ts.fujitsu.com/dl.aspx?id=9e92297a-16fb-4c69-8559-e38e7b42fee6 |

Dimensions / Weight

| | |
|-------------------------|------------------------------|
| Floor-stand (W x D x H) | 177.2 x 521.7 x 456.2 mm |
| Rack (W x D x H) | 482.6 x 495.3 x 174.7 mm |
| Dimension notes | without feet and protrusions |

Dimensions / Weight

| | |
|------------------|---|
| Height Unit Rack | 4 U |
| Weight | up to 26.4 kg |
| Weight notes | Actual weight may vary depending on configuration |

Environment

| | |
|-------------------------------|---|
| Operating ambient temperature | 5 - 45 °C (41 - 113 °F) |
| Operating temperature note | Cool-safe® Advanced Thermal Design (above 35 °C or below 10 °C) depending on configuration. Please use the Fujitsu WebArchitect (www.fujitsu.com/configurator/public) to get detailed information on the corresponding configurations. |
| Operating relative humidity | 8 - 85 % (non condensing) |
| 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 |
| Sound pressure (LpAm) | 22 dB(A) (idle)/ 22 dB(A) (operating) |
| Sound power (LWAd; 1B = 10dB) | 3.6B (idle)/ 3.6B (operating) |
| Noise notes | Noise emissions depend on operation modes, system configuration and ambient temperature. |

Electrical values

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|-------------------------------------|---|
| Power supply configuration | 1 x standard, 1 x hot-plug, 2 x hot-plug redundant (depending on Model) |
| Active power (max. configuration) | 1,088 W |
| Apparent power (max. configuration) | 230V: 1035VA 100V: 1100 VA |
| Heat emission (max. configuration) | 3916.8 kJ/h (3712.4 BTU/h) |
| Rated current max. | 11A (100V) / 4.5A (240V) |
| Power supply | 300W standard, 90% (Gold efficiency), 100-240V, 50 / 60Hz 450W standard, 92%(Platinum efficiency), 100-240V, 50/60Hz 500W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 500W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz 900W hot-plug, 94% (Platinum efficiency), 100-240V, 50 / 60Hz 900W hot-plug, 96% (Titanium efficiency), 200-240V, 50 / 60Hz |

Compliance

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|-----------------------|---|
| Product | PRIMERGY TX1330 M5 |
| Model | PS1330A |
| Global | CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment) |
| Germany | GS |
| Europe | CE |
| USA/Canada | NRTLc/us FCC Class A ICES-003 / NMB-003 Class A |
| Japan | VCCI Class A + JIS 61000-3-2 |
| Russia | EAC |
| South Korea | KC |
| China | CCC |
| Australia/New Zealand | RCM |
| Taiwan | BSMI |
| 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

| | |
|------------------|--|
| Backup Drives | LTO7HH Ultrium, 2,500 GB, 300 MB/s, half height, SAS 6Gb/s |
| | LTO7HH Ultrium, 300 MB/s, half height |
| | LTO7HH Ultrium, 300 MB/s, half height, SAS 6Gb/s |
| | RDX Drive, 320 GB, 500 GB, 1 TB , 25 MB/s, half height, USB 3.0 |
| Optical drives | Blu-ray Disc™ Triple Writer, (6x BD-RW, 8x DVD, 24x CD), ultraslim, SATA I |
| | DVD-ROM, (16xDVD; 48xCD), half height, SATA I |
| | DVD Super Multi, (16xDVD, 8xDVD+RW 6xDVD-RW, 12xDVD-RAM; 48xCD, 32xCD-RW), half height, SATA I |
| | DVD Super Multi ultra slim , (8x DVD; 24x CD), ultraslim, SATA I |
| Hard disk drives | HDD SATA, 6 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 4 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 2 TB, 5,400 rpm, 512e, hot-plug, 3.5-inch, economic |
| | HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 3.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, economic |
| | HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical |
| | HDD SATA, 6 Gb/s, 1 TB, 5,400 rpm, 512e, hot-plug, 3.5-inch, economic |

Hard disk drives

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|---|
| HDD SAS, 12 Gb/s, 900 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 900 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 18 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| HDD SAS, 12 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 16 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| HDD SAS, 12 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 14 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 12 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| HDD SAS, 12 Gb/s, 10 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 8 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 6 TB, 7,200 rpm, 512e, hot-plug, 3.5-inch, business critical |
| HDD SAS, 12 Gb/s, 4 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical |
| HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 2.4 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 2 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical |
| HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED |
| HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise |
| HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED |

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| Solid-State-Drive | SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED |
| | SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 800 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED |
| | SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED |
| | SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years) |
| | SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years) |
| PCIe SSD & SATA DOM SSD | PCIe-SSD SFF, 960 GB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years) |
| | PCIe-SSD SFF, 15.36 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years) |
| | PCIe-SSD SFF, 12.8 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years) |
| | PCIe-SSD SFF, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years) |
| | PCIe-SSD SFF, 6.4 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years) |
| | PCIe-SSD SFF, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years) |
| | PCIe-SSD SFF, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years) |
| | PCIe-SSD SFF, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, Flash drive, 1.0 DWPD (Drive Writes Per Day for 5 years) |
| | PCIe-SSD SFF, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, Flash drive, 3.0 DWPD (Drive Writes Per Day for 5 years) |
| PSAS CP 2100-8i FH SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8 | |
| SCSI / SAS Controller | Broadcom® PSAS CP503i FH SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8 |
| RAID Controller | pre-configured RAID1 Array for M.2 in PDUAL, Fujitsu PRAID EP680i FH, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 16 GT/s, 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3916 Fujitsu PRAID EP640i FH, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU based on LSI SAS3908 Fujitsu PRAID EP580i FH, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 8 GB, Optional FBU based on LSI SAS3516 Fujitsu PRAID EP540i FH, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 4 GB, Optional FBU based on LSI SAS3516 Fujitsu PRAID EP520i FH, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, NVMe-PCIe 8 Gbit/s, 8 Gbit/s 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3516 Broadcom® PRAID CP500i FH, RAID 5 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, No FBU support |
| Fibre Channel controller | Fibre Channel Host Bus Adapter 1 x Qlogic QLE2770-FJ-BK LC-style |
| | Fibre Channel Host Bus Adapter 2 x Qlogic QLE2772-FJ-BK LC-style |
| | Fibre Channel Host Bus Adapter 1 x 32 Gbit/s Emulex LPE35000-M2-F MMF LC-style |
| | Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPE35002-M2-F MMF LC-style |
| | Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Qlogic QLE2690 LC-style |
| | Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2692 LC-style |
| | Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Emulex LPe31000-M6-F MMF LC-style |
| Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe31002-M6-F MMF LC-style | |
| GPU computing card | NVIDIA® A2, 200GB/s, 16GB, N/A, PCIe 4.0 x8 |
| | NVIDIA® T400 4GB, 4 GB, 384 cores, 4GB, N/A, PCIe x16, 3 x miniDP |

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|--|---|
| Rack infrastructure | Rack Mount Kit |
| | Rack Mount Kit |
| | Cable Arm 2U for PRIMECENTER- and 3rd-party racks |
| Warranty | |
| Warranty period | 1 year |
| Warranty type | Onsite warranty |
| Warranty Terms & Conditions | http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM |
| Product Support - the perfect extension | |
| Recommended Service | 24x7 Onsite Service with 4h Onsite Response Time |
| Service Lifecycle | at least 5 years after shipment, for details see https://support.ts.fujitsu.com/ |
| Service Weblink | http://www.fujitsu.com/fts/products/product-support-services/ |

More information

Fujitsu products, solutions & services

In addition to Fujitsu , Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

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Computing Products

www.fujitsu.com/global/products/computing/

Software

www.fujitsu.com/software/

More information

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www.fujitsu.com/primergy

Fujitsu green policy innovation

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Please find further information at <http://www.fujitsu.com/global/about/environment>



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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.

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