

# FSC Primergy TX300 S2

**BRAKENSIEK®**  
SYSTEMHAUS



FSC Primergy TX300 S2

Not-new

**Description:**

PRIMERGY TX Tower Servers ensure carefree and continuous operation with proven data center technology. Their design for maximum ease of use and ease of management has been honored with industry design awards in 2003 and 2004. The latest processor generation combined with innovative air flow cooling technology ("cool-safe") assure a long life and the highest possible performance at work. And as your business grows, so do our PRIMERGY towers, providing plenty of headroom for expansion so that you benefit longer from your investments in PRIMERGY tower servers. For corporate workgroups and remote sites, PRIMERGY TX servers ensure less troubleshooting and lower costs with their complete PRIMERGY ServerView Suite remote management functions – flexible management from anywhere at any time. Since corporate infrastructure is subject to consolidation changes, our universal tower-to-rack conversion kit protects your investment by prolonging the system's lifecycle. The flexible custom supply model and our build-to-order process mean that only fully built and pre-tested solutions are shipped to customers, who can select from a broad family of tower models to meet their individual needs.

**Type**

Dual Processor Tower Server

**System board D 1899**

Chip set Intel® E7520

Processors Intel® Xeon™ (1 - 2)

Frequencies (GHz) 3.20, 3.40, 3.60

Front-Side-Bus 800 MHz

Second-Level-Cache 1 Mbyte ECC

**Memory**

1 Gbyte up to max. 16 Gbyte

2-way interleaved, registered ECC DDR2-400 SDRAM; 4 banks with 2 slots each for PC2-3200 modules with 512, 1 and 2 (as

soon as available) Gbyte; Memory Scrubbing, Chipkill™, Hotspare Memory option and Memory Mirroring option

**Flash-EPROM**

Local BIOS update with floppy disk; Remote BIOS-Update via LAN with Global Flash and service partition / RomPilot, or through chipDISK / RTDS via modem

**Interfaces**

Serial 1x RS-232-C (9-pin) (usable for BMC or OS or shared)

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Parallel (option) Centronics, 25-pin, EPP/ECP comp.

Keyboard, Mouse 2x PS/2

USB 2.0 1x front, 2x back (UHCI, 480 Mbit/s)

Graphics 1x VGA (15-pin)

LAN 2x RJ45

**Front Panel**

On/off switch; NMI-, reset button; LEDs for system status (amber), identification (blue), hard disks access (green), power

(amber/green); (back: system status, identification)

**Onboard controller \*\***

IDE (ATA100) for 1 x DVD plus 1 x RemoteView or CD/DVD-RW

SCSI (LSI53C1030) 2-channel Ultra320 SCSI with RAID level 1 (Integrated Mirroring Enhanced also for odd numbered HD's for

Windows and Linux)

MegaRaid PCI Express™ ROMB

(RAID on Motherboard) (option)

RAID level 0, 1, 10, 5, 50 extension for onboard SCSI/RAID controller with 256 MB, or 128 MB RAID cache with BBU and iButton enable key

LAN (BroadCom5721) 2x 10/100/1000 Mbit/s Ethernet

Graphics ATI Rage XL 8 MB

Server management Baseboard Management Controller (BMC), IPMI 1.5 compatible

**Hard disk drives**

36, 73, 146, 300 Gbyte, U320 SCSI

1 Gbyte equals one billion bytes when referring to hard disk drive capacity; accessible capacity may vary.

**I/O Slots (Standard)**

2x PCI-X 64-bit / 133 MHz, long, 3.3V, hot-plug; 1x LP ready

3x PCI X 64-bit / 100 MHz, 1x short, 3.3V 1 x long LP ready

(with IOOP™ 1 x 133 MHz, if only slot 3 is used)

**Drive bays**

for hard disks 6x 3.5/1-inch, slide-in chassis; over 1 or 2 SCSI channels (option)

for optional

hard disks

3x 3.5/1-inch, hot-plug, requires 2

bays for accessible drives

for accessible drives 2x 5.25/1.6-inch free;

1x 3.5/0.5-inch used by FD;

1x 5.25/0.5-inch used by DVD

1x 3.5/0.5-inch for optional LocalView

display or blind cover for optional accessible drive

1x 3.5/2-inch for hot-plug tape drive,

requires 2 hard disk bays

**System fans (hot-plug)**

Redundant hot-plug fans (2 + 2) as standard + 1 fan per CPU

**Electrical values**

1x Hot-plug power supply unit as standard.

Additional hot-plug unit for redundancy option

Output power 600 W / 1 + 1 x 600 W each

Rated voltage range 100 - 240 V

Rated frequency 50 - 60 Hz

Max. rated current 100 V - 240 V / 9.0 A – 3.5 A

Rated current in basic configuration 100 V - 240 V / 4.4 A - 1.5 A

Active power 798 W

Apparent power 809 VA

max.heat dissipation 2873 kJ/h (2723 BTU)

**Temperature/Noise/Dimension/Weight**

Ambient temperature 10°C - 35°C (EN60721-3-3 class 3K2)

Sound pressure LpAm 48 <= 52 dB (A) (ISO9296)  
Sound power LWAd 6.7 <= 6.7 B (ISO9296)  
Floor-stand (HxWxD) 473 \* 286 \* 775 (mm)  
Rack (HxWxD) 177 \* 483 \* 770 (mm);  
Rack mounting depth 735 mm; 4 U  
Weight ca. 25 - 40 kg (configuration dependent)

Compliance with Norm and Standards

**Product safety**

Global / Europe IEC 60950-1 / EN 609501-  
USA UL 60950 3rd. Ed.  
Canada CAN/CSA-C22.2 No. 60950 3rd. Ed.

**Electro magnetic compatibility**

Europe EN 55 022 class A, EN 55024, EN 61000-3-2 / 3-3  
Taiwan / Japan CNS 13438 class A / VCCI class A  
Australia / New Zealand AS / NZS 3548 class A  
USA / Canada FCC class A

**Declaration of conformity**

Europe (CE) 89/336/EEC(EMV);73/23 EEC(LVD)  
North America FCC class A

Approvals

**Product safety**

Global / Europe CB / CE  
USA / Canada CSAUS / CSAC

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.

**Supported operating systems**

Microsoft: Windows 2003 IA32 Standard, Enterprise Edition;  
Microsoft Windows 2003 Web Edition  
Microsoft: Windows 2000 Advanced Server; Server  
Novell: NetWare 6.5  
VMware: ESX Server 2.5  
SCO: UnixWare 7.1.4  
SUSE: Enterprise Server 8 for x86 and 9 x86 / EM64T  
SUSE: Linux 9.1 for X86  
Red Hat: Enterprise Linux 2.1; 3 for X86  
\*\* For supported controllers (onboard and PCI cards for SCSI, RAID, LAN, WAN, etc.), please refer to the corresponding system configurator.

**Server Management** (see separate data sheets)

Standard: PRIMERGY ServerView Suite; PDA, ASR&R  
Optional: RemoteView with IDE chipDISK and RemoteView Service Board



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