

# PRIMERGY

## TX150 S6 1WAY

Intel® Xeon® X3320 (2.50GHz)/X3220 (2.40GHz)  
Intel® Xeon® E3120 (3.16GHz)/E3110 (3GHz)  
Intel® Core™ 2 Duo E7300 (2.66GHz)

HDD 4Bays Hotplug  
MAX 1.8TB (450.0GBx4) SAS  
MAX 2.0TB (500.0GBx4) SATA

PCI Express (x8) [x8] x2 (SAS Controller occupies one slot.)  
PCI Express (x4) [x8] x1  
PCI (32bit/33MHz) [5.0V] x3 (3xFull Size)

8GB (2GB ECC DDR2 SDRAM DIMMx4)

Standard (SAS Controller, with RAID1 function)  
Software RAID/SATA

1 port (1000BASE-T/100BASE-TX/10BASE-T)



### Reduced complexity, outstanding data safety 3.5 inch SAS/SATA HDD (hot plug)

The PRIMERGY TX150 S6 tower server delivers new levels of energy-efficient performance from its Intel® Xeon® X3320/X3220 series, Intel® Xeon® E3120/3110 series and Intel® Core™ 2 Duo E7300. Thus equipped, the server can provide power to respond quickly to your needs, bringing enhanced speed and efficiency to demanding tasks like simultaneous execution of multiple applications and downloading of mass data.

A max. x16 DVD ROM or max. x40 CD ROM is provided as standard in the base sets.

This single-socket processor server is the ideal solution for everyday business, industrial, or office applications. It delivers the extra power that best supports multiple application processes, including file and print, intranet/Internet, gateway communications, domains and firewalls, as well as web server functionality. It has been designed to bring high-level operation to small organizations and department servers tasked with a variety

of uses and infrastructure services, as well as branch offices and subsidiaries requiring business-friendly servers for dedicated applications.

PRIMERGY TX150 S6 continues to dominate its class in terms of expandability, with a powerful single-socket Intel® Xeon® processor with 2x4MB/6MB/3MB SLCs; up to four SAS/SATA disks; and up to 8GB (2GB ECC DDR2 SDRAM DIMM x 4). Six PCI slots (including x3 PCI-Express, and x3 PCI) and 1Gbit/s Ethernet LAN are also available. Well suited to office deployment, this tower server delivers its high performance with 34dB whisper-quiet operation. The Integrated Remote Management Controller (iRMC), based on IPMI2.0 technology and provided as standard, ensures enhanced system management. TX150 S6 can also be converted quickly and easily into a rack system for mounting in 19-inch racks, requiring just five height units.

### Specifications

Type		Mono-Processor Tower Server	
Model		3.5inch SAS model	3.5inch SATA model
CPU	Frequencies	Intel® Xeon® X3320 (2.50GHz)**/X3220 (2.40GHz)**/ Intel® Xeon® E3120 (3.16GHz)**/E3110 (3GHz)**/Intel® Core™ 2 Duo E7300 (2.66GHz)	
	Second-Level-Cache	2x4MB (Intel® Xeon® X3220 (2.40GHz))/ 6MB (Intel® Xeon® X3320 (2.50GHz)/Intel® Xeon® E3120 (3.16GHz)) /E3110 (3GHz)/ 3MB (Intel® Core™ 2 Duo E7300 (2.66GHz))	
	Number of processors	1 (max. 1)	
	Number of cores	4 per processor (Intel® Xeon® X3320 (2.50GHz)/X3220 (2.40GHz))/ 2 per processor ( Intel® Xeon® E3120 (3.16GHz)/E3110 (3GHz)/Intel® Core™ 2 Duo E7300 (2.66GHz))	
Front-Side-Bus		1333MHz (Intel® Xeon® X3320 (2.50GHz)/Intel® Xeon® E3120 (3.16GHz)/E3110 (3GHz)) 1066MHz (Intel® Xeon® X3220 (2.40GHz)/ Intel® Core™ 2 Duo E7300 (2.66GHz))	
Chipset		Intel® 3210	
TPM (Trusted Platform Module)		standard (onboard)**	
Memory	Standard	1GB (1GB ECC DDR2 SDRAM DIMMx1)	
	Maximum*1	8GB (2GB ECC DDR2 SDRAM DIMMx4)	
Graphics Controller		incl. Remote Management Controller, VRAM : 8MB	
Resolution*2		640x480/800x600/1024x768/1280x1024 dot	
Internal Bays 3.5-inch HDD (SAS/SATA)	Number of bays	4 (hot plug)	
	Available HDD*3	3.5inch, SAS, 15krpm, 73.4GB	3.5inch, SATA, 7.2krpm, 80.0GB
		3.5inch, SAS, 15krpm, 146.8GB	3.5inch, SATA, 7.2krpm, 160.0GB
		3.5inch, SAS, 15krpm, 300.0GB	3.5inch, SATA, 7.2krpm, 500.0GB
Maximum*3	1.8TB (450.0GBx4)**	2.0TB (500.0GBx4)	
Internal Bays 5-inch		3 (1 free bay)	
DVD-ROM		Max. 16 DVD-ROM / Max. 40 CD-ROM (SATA)	
PCI Slots	PCI Express (x8) [x8]	2 (SAS Controller occupies one slot.)	
	PCI Express (x4) [x8]	1	
	PCI (32bit/33MHz) [5.0V]	3 (3 x Full Size)	
RAID		standard (SAS Controller, with RAID1 function)**	Software RAID
SAS / SATA Interface		SAS x 4ports	SATA x 4ports
Internal FDD		3.5inch (1.44MB/720KB)	
Network Interface (onboard)		1 port (1000BASE-T/100BASE-TX/10BASE-T)	
Interfaces		Display (Analog RGB), Serial Port x 1(D-SUB 9pins) (2 when Serial Port is applied.) Parallel Port (optional D-SUB 25pins) Keyboard (PS/2type Mini DIN 6pins), Mouse (PS/2type Mini DIN 6pins), USBx6 (ver. 2.0) (Internal : x 1,External : x5)	
Server Management Software		ServerView (standard)	
Remote Service function		standard (onboard, Remote Management Controller)	
connector		1 port (100BASE-TX/10BASE-T)	
Power supply	Voltage	AC 100-127V (50/60Hz)/AC 200-240V (50/60Hz) x 1 (max. 1)	
	Power consumption	280W/1008kJ/h (max.)	
	Redundant power supply	-	
Redundant Fan		-	
Dimensions (mm)		Tower: 205(W)x615(D)x444(H) Rackmount (when Rack Conversion kit is applied.) : 440 (482 incl. protruding parts) (W)x562 (617 incl. protruding parts) (D)x221.2 (5U) (H)	
Weight		Tower: 26kg (max.)/Rackmount: 26kg (28kg incl. rack rails)(max.)	
Environmental Conditions		Temperature10-35°C/Humidity 20-80% (non condensing)	
OS Support		Windows Server® 2008 Standard (32-bit)/Windows Server® 2008 Standard (64-bit) Windows Server® 2003 R2, Standard Edition (SP2)/Windows Server® 2003, Standard Edition (SP2) Windows Server® 2003 R2, Standard x64 Edition (SP2)/Windows Server® 2003, Standard x64 Edition (SP2) Windows® Small Business Server 2003 R2 (SP2)/Windows® Small Business Server 2003 (SP2) Red Hat Enterprise Linux ES (v.4 for x86)/Red Hat Enterprise Linux 5 (for x86)** Red Hat Enterprise Linux ES (v.4 for EM64T)/Red Hat Enterprise Linux 5 (for Intel64)**	

\*1: Available memory capacity will be changed by the type of OS. Please find more details in Notes [Memory OS Compatibility List].

\*Noise level is 34dB.

\*2: Resolution is determined by functions of the display monitor and OS.

\*3: HDD capacity is calculated according to the formulas 1GB=1000<sup>3</sup> byte and 1TB=1000<sup>6</sup> byte.

\*\* CPU Conversion kit: Core 2 Duo E7300 (2.66GHz) -> Xeon X3320 (2.50GHz) is available for upgrading to Intel® Xeon® X3320 (2.50GHz).

\*\* CPU Conversion kit: Core 2 Duo E7300 (2.66GHz) -> Xeon X3220 (2.40GHz) is available for upgrading to Intel® Xeon® X3220 (2.40GHz).

\*\* CPU Conversion kit: Core 2 Duo E7300 (2.66GHz) -> Xeon E3120 (3.16GHz) is available for upgrading to Intel® Xeon® E3120 (3.16GHz).

\*\* CPU Conversion kit: Core 2 Duo E7300 (2.66GHz) -> Xeon E3110 (3GHz) is available for upgrading to Intel® Xeon® E3110 (3GHz).

\*\* TPM is available for BitLocker™ Drive Encryption of Windows Server® 2008.

\*\* In case that SAS Controller installed as standard is used for RAID configuration, only 2 HDDs of same capacity and same rpm can be connected.

\*\* VM (Virtual Machine) function is not supported.

Specifications are subject to change without notice.

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