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Fujitsu PRIMERGY TX2540 M1 server Tower Intel® Xeon® E5 V2 Family E5-2407V2 2.4 GHz 8 GB DDR3-SDRAM

Brand : Fujitsu   **Product family:** PRIMERGY   **Product code:**
VFY:T2541SC050GB

Product name : TX2540 M1

Intel Xeon Processor E5-2407 v2 (10M Cache, 2.40 GHz), Intel C602, 8GB DDR3 1600MHz, 8 x 3.5" SAS/SATA, 2 x Gigabit LAN

Fujitsu PRIMERGY TX2540 M1 server Tower Intel® Xeon® E5 V2 Family E5-2407V2 2.4 GHz 8 GB DDR3-SDRAM:

The FUJITSU PRIMERGY TX2540 M1 is the perfect Tower Server for SMEs as well as branch offices. It supports up to two processors and combines affordable performance with balanced expandability. Its optional redundancy, up to 24 hard disks, and 192 GB of RAM is ideal as a starting-point for server virtualization or as a database and communication server.
Fujitsu PRIMERGY TX2540 M1. Processor family: Intel® Xeon® E5 V2 Family, Processor frequency: 2.4 GHz, Processor model: E5-2407V2. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM, Memory layout (slots x size): 1 x 8 GB. HDD size: 3.5", HDD interface: Serial ATA, Serial Attached SCSI (SAS). Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Optical drive type: DVD Super Multi. Redundant power supply (RPS) support. Chassis type: Tower

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Xeon® E5 V2 Family
Processor model *	E5-2407V2
Processor frequency *	2.4 GHz
Processor boost frequency	2.4 GHz
Processor cores	4
Processor cache	10 MB
Motherboard chipset	Intel® C602
Memory channels supported by processor	Triple
Number of processors installed	1
Thermal Design Power (TDP)	80 W
Processor cache type	Smart Cache
System bus rate	6.4 GT/s
Processor socket	LGA 1356 (Socket B2)
Processor lithography	22 nm
Processor threads	4
Processor operating modes	64-bit
Stepping	S1
FSB Parity	✖
Bus type	QPI
Number of QPI links	1
Processor codename	Ivy Bridge EN
Tcase	76 °C
Maximum internal memory supported by processor	384 GB
Memory types supported by processor	DDR3-SDRAM

Expansion slots

PCI slots	1
PCI Express slots version	3.0

Design

Chassis type *	Tower

Software

Operating system installed *	✖
Compatible operating systems *	- Windows Server 2008, 2012/R2 - Hyper-V Server - Windows Web Server 2008 R2 - Windows Small Business Server 2011 - Windows Storage Server 2012/R2 - SUSE Linux Enterprise Server 10+ - Red Hat Enterprise Linux 5/6 - Citrix XenServer

Processor special features

CPU configuration (max)	2
Intel® Matrix Storage Technology (Intel® MST)	✖
Intel Rapid Storage Technology	✖
Enhanced Intel SpeedStep Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✖
Intel® Wireless Display (Intel® WiDi)	✖
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel® Anti-Theft Technology (Intel® AT)	✖

Processor

Memory clock speeds supported by processor	800,1066,1333 MHz
Memory bandwidth supported by processor (max)	32 GB/s
ECC supported by processor	✓
Execute Disable Bit	✓
Idle States	✓
Thermal Monitoring Technologies	✓
Maximum number of PCI Express lanes	24
PCI Express configurations	x4, x8, x16
Processor package size	45 x 42.5 mm
Supported instruction sets	AVX
Processor code	SR1AK
Scalability	2S
Physical Address Extension (PAE)	✓
Physical Address Extension (PAE)	46 bit
Embedded options available	✗
Processor series	Intel Xeon E5-2400 v2
Conflict-Free processor	✗
Intelligent Platform Management Interface (IPMI) support	✓

Memory

Internal memory *	8 GB
Internal memory type *	DDR3-SDRAM
Memory slots	12
ECC	✓
Memory clock speed	1600 MHz
Memory layout (slots x size)	1 x 8 GB
Maximum internal memory *	192 GB

Storage

HDD interface	Serial ATA, Serial Attached SCSI (SAS)
HDD size	3.5"
Number of HDDs supported	8
RAID support *	✓
Optical drive type *	DVD Super Multi
Supported storage drive interfaces	SAS, Serial ATA

Graphics

On-board graphics card	✓

Network

LAN controller	Intel I210
Ethernet LAN	✓
Cabling technology	10/100/1000Base-T(X)
Ethernet interface type	Gigabit Ethernet

Ports & interfaces

Ethernet LAN (RJ-45) ports *	3
USB 2.0 ports quantity	6
VGA (D-Sub) ports quantity	1
Serial ports quantity	1

Expansion slots

PCI Express x4 (Gen 2.x) slots	1
PCI Express x4 (Gen 3.x) slots	2
PCI Express x16 (Gen 3.x) slots	2

Processor special features

Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Intel® My WiFi Technology (Intel® MWT)	✗
Intel® Turbo Boost Technology	✗
Intel® Quick Sync Video Technology	✗
Intel® InTru™ 3D Technology	✗
Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Intel® Insider™	✗
Intel Flex Memory Access	✗
Intel® Smart Cache	✓
Intel® AES New Instructions (Intel® AES-NI)	✓
Intel Trusted Execution Technology	✓
Intel Enhanced Halt State	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Intel Demand Based Switching	✓
Intel® Secure Key	✓
Intel TSX-NI	✗
Intel® OS Guard	✓
Intel Clear Video Technology	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Intel 64	✓
Intel Identity Protection Technology version	0.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✓
Intel TSX-NI version	0.00
Intel Dual Display Capable Technology	✗
Intel FDI Technology	✗
Intel Fast Memory Access	✗
Processor ARK ID	75782

Power

Redundant power supply (RPS) support *	✓
Number of redundant power supplies supported	2
Number of main power supplies	1
Power supply input frequency	50 - 60 Hz

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Operating relative humidity (H-H)	10 - 85%

Certificates

Certification	CB, RoHS, WEEE, TÜV GS, CE Class A, CSAc/us, ULc/us, FCC Class A, VCCI Class A + JIS 61000-3-2, CCC, C-Tick

Weight & dimensions

Width	177 mm
Depth	651 mm
Height	456 mm

Other features

Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x