

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

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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		Expansion slots	
Processor manufacturer *	Intel	PCI slots	1
Processor family *	Intel® Xeon® E5 V2 Family	PCI Express slots version	3.0
Processor model *	E5-2407V2	Design	
Processor frequency *	2.4 GHz	Chassis type *	Tower
Processor boost frequency	2.4 GHz	Software	
Processor cores	4	Operating system installed *	✗
Processor cache	10 MB	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
Motherboard chipset	Intel® C602	Processor special features	
Memory channels supported by processor	Triple	CPU configuration (max)	2
Number of processors installed	1	Intel® Matrix Storage Technology (Intel® MST)	✗
Thermal Design Power (TDP)	80 W	Intel Rapid Storage Technology	✗
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
System bus rate	6.4 GT/s	Intel® Identity Protection Technology (Intel® IPT)	✗
Processor socket	LGA 1356 (Socket B2)	Intel® Wireless Display (Intel® WiDi)	✗
Processor lithography	22 nm	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor threads	4	Intel® Anti-Theft Technology (Intel® AT)	✗
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		

Processor		Processor special features	
Memory clock speeds supported by processor	800,1066,1333 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Memory bandwidth supported by processor (max)	32 GB/s	Intel® My WiFi Technology (Intel® MWT)	✗
ECC supported by processor	✓	Intel® Turbo Boost Technology	✗
Execute Disable Bit	✓	Intel® Quick Sync Video Technology	✗
Idle States	✓	Intel® InTru™ 3D Technology	✗
Thermal Monitoring Technologies	✓	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Maximum number of PCI Express lanes	24	Intel® Insider™	✗
PCI Express configurations	x4, x8, x16	Intel Flex Memory Access	✗
Processor package size	45 x 42.5 mm	Intel® Smart Cache	✓
Supported instruction sets	AVX	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor code	SR1AK	Intel Trusted Execution Technology	✓
Scalability	2S	Intel Enhanced Halt State	✓
Physical Address Extension (PAE)	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Physical Address Extension (PAE)	46 bit	Intel Demand Based Switching	✓
Embedded options available	✗	Intel® Secure Key	✓
Processor series	Intel Xeon E5-2400 v2	Intel TSX-NI	✗
Conflict-Free processor	✗	Intel® OS Guard	✓
Intelligent Platform Management Interface (IPMI) support	✓	Intel Clear Video Technology	✗
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory *	8 GB	Intel 64	✓
Internal memory type *	DDR3-SDRAM	Intel Identity Protection Technology version	0.00
Memory slots	12	Intel Secure Key Technology version	1.00
ECC	✓	Intel Virtualization Technology (VT-x)	✓
Memory clock speed	1600 MHz	Intel TSX-NI version	0.00
Memory layout (slots x size)	1 x 8 GB	Intel Dual Display Capable Technology	✗
Maximum internal memory *	192 GB	Intel FDI Technology	✗
Storage		Intel Fast Memory Access	✗
HDD interface	Serial ATA, Serial Attached SCSI (SAS)	Processor ARK ID	75782
HDD size	3.5"	Power	
Number of HDDs supported	8	Redundant power supply (RPS) support *	✓
RAID support *	✓	Number of redundant power supplies supported	2
Optical drive type *	DVD Super Multi	Number of main power supplies	1
Supported storage drive interfaces	SAS, Serial ATA	Power supply input frequency	50 - 60 Hz
Graphics		Operational conditions	
On-board graphics card	✓	Operating temperature (T-T)	10 - 35 °C
Network		Operating relative humidity (H-H)	10 - 85%
LAN controller	Intel I210	Certificates	
Ethernet LAN	✓	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
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Ethernet interface type	Gigabit Ethernet	Width	177 mm
Ports & interfaces		Depth	651 mm
Ethernet LAN (RJ-45) ports *	3	Height	456 mm
USB 2.0 ports quantity	6	Other features	
VGA (D-Sub) ports quantity	1	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
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		

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