

# Fujitsu PRIMERGY TX1310 M1 server (VFY:T1311SC060IN)

PRIMERGY TX1310 M1, Intel Xeon E3-1226v3 (4C/4T, 3.30GHz, 3.7GHz Turbo, 8MB, 5GT/s, Intel HD Graphics P4600), 2x 500GB SATA 7200 rpm HDD, 8GB (1x 8GB) DDR3 ECC 1600MHz DIMM RAM, USB 3.0, Gigabit Ethernet, DVD Super Multi, Tower



#### Price details:

Price excl. VAT: 523.13 €

Eco fees: 0.12 €

VAT 21 %: 109.88 €

#### Product details:

Product code: VFY:T1311SC060IN

EAN: 4053026674843

Manufacturer: Fujitsu

**633.13 €**

\* VAT included

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Product is discontinued. You can not order it anymore.

The Fujitsu PRIMERGY TX1310 M1 is the ideal first server for small and medium-sized businesses. With plenty of RAM and Intel® Xeon® processor support it offers more than enough performance for all classic server tasks, such as file, print, web or office applications.

#### Features

- Intel® Xeon® E3-1200 v3 product family with up to 4 cores.
- Up to 32 GB ECC memory (4 DIMMs) and 4 PCIe slots.
- Up to 4x 3.5-inch non-hot plug SATA storage drives and support for RDX backup devices.
- 4 PCIe Gen2/3 slots for e.g. additional LAN or graphics cards.
- 2x onboard Gigabit LAN.
- Error-correcting code (ECC) memory.
- Low noise emissions through optimized air flow and Fujitsu's Cool-Safe® technology.
- Compact chassis.
- Screwless chassis and "Easy Rails" for hard disks.

#### Benefits

- Provides more than enough performance for small and medium-sized businesses.
- Ideal for all classic server tasks, such as file, print, web or office applications.
- High storage capacity for even larger file sets in combination with professional data backup.
- Supports special solutions like control or telephone systems.
- Redundant LAN connection for higher reliability.
- Data safety like in high-end server systems.
- Silent operation for use in offices or showrooms.
- So small and silent that it might even be placed under desks.
- Easy, fast and comfortable access to the interior of the server, the hard disks and the PCI slots.

#### Main specifications:

##### Processor

Processor frequency:	3.3 GHz
Processor family:	Intel Xeon E3 v3
Processor model:	E3-1226V3
Processor cores:	4
Number of processors installed:	1
Processor cache type:	Smart Cache
Processor cache:	8 MB
System bus rate:	5 GT/s

Processor manufacturer: Intel  
Maximum number of SMP processors: 1  
Processor socket: LGA 1150 (Socket H3)  
Motherboard chipset: Intel C226  
Processor boost frequency: 3.7 GHz  
Processor lithography: 22 nm  
Processor threads: 4  
Processor operating modes: 32-bit,64-bit  
Stepping: C0  
FSB Parity: N  
Bus type: DMI2  
Processor codename: Haswell  
Maximum internal memory supported by processor: 32 GB  
Memory types supported by processor: DDR3-SDRAM  
Memory clock speeds supported by processor: 1333,1600 MHz  
Memory bandwidth supported by processor (max): 25.6 GB/s  
Memory channels supported by processor: Dual  
ECC supported by processor: Y  
Execute Disable Bit: Y  
Idle States: Y  
Thermal Monitoring Technologies: Y  
Maximum number of PCI Express lanes: 16  
PCI Express configurations: 1x16,2x8,1x8+2x4  
Processor package size: 37.5 mm  
Supported instruction sets: AVX 2.0,SSE4.1,SSE4.2  
Scalability: 1S  
Embedded options available: N  
Thermal solution specification: PCG 2013D  
Graphics & IMC lithography: 22 nm  
Thermal Design Power (TDP): 84 W  
Processor series: Intel Xeon E3-1200 v3  
Conflict Free processor: N

#### Memory

Internal memory: 8 GB  
Internal memory type: DDR3-SDRAM  
Maximum internal memory: 32 GB  
Memory slots: 4  
Memory clock speed: 1600 MHz  
ECC: Y  
Memory layout (slots x size): 1 x 8 GB

#### Storage

Total storage capacity: 1000 GB  
Number of hard drives installed: 2  
Hard drive size: 3.5 "  
Hard drive interface: Serial ATA  
RAID support: Y  
Hard drive speed: 7200 RPM  
Hard drive capacity: 500 GB  
RAID levels: 0,1,10  
Hot-Plug support: N  
Number of hard drives supported: 4  
Internal drive bays: 4

#### Graphics

On-board graphics adapter: Y  
On-board graphics adapter family: Intel HD Graphics  
On-board graphics adapter model: Intel HD Graphics P4600  
On-board graphics adapter base frequency: 350 MHz  
On-board graphics adapter dynamic frequency: 1200 MHz  
Maximum on-board graphics adapter memory: 1.74 GB  
On-board graphics adapter DirectX version: 11.2  
Number of execution units: 20  
Number of displays supported (on-board graphics): 3

#### Networking

Ethernet LAN: Y  
LAN controller: Intel I210,Intel I217

Cabling technology:	10/100/1000Base-T(X)
Ethernet interface type:	Gigabit Ethernet
<b>Ports &amp; interfaces</b>	
USB 2.0 ports quantity:	4
VGA (D-Sub) ports quantity:	1
Ethernet LAN (RJ-45) ports:	2
Serial ports quantity:	1
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	5
<b>Expansion slots</b>	
PCI Express x1 (Gen 2.x) slots:	1
PCI Express x4 (Gen 2.x) slots:	1
PCI Express x8 (Gen 3.x) slots:	2
PCI Express slots version:	3.0
<b>Design</b>	
Chassis type:	Tower
Optical drive type:	DVD Super Multi
<b>Performance</b>	
Operating system installed:	N
Compatible operating systems:	Microsoft Hyper-V Server 2012 R2, Microsoft Windows Server 2012 R2 Datacenter, Microsoft Windows Server 2012 R2 Standard, Microsoft Windows Server 2012 R2 Essentials, Microsoft Windows Server 2012 R2 Foundation, Microsoft Windows Storage Server 2012 R2 Standard, Microsoft Hyper-V Server 2012, Microsoft Windows Server 2012 Datacenter, Microsoft Windows Server 2012 Standard, Microsoft Windows Server 2012 Essentials, Microsoft Windows Server 2012 Foundation, Microsoft Windows Storage Server 2012 Standard, Microsoft Hyper-V Server 2008 R2, Microsoft Windows Server 2008 R2 Datacenter, Microsoft Windows Server 2008 R2 Enterprise, Microsoft Windows Server 2008 R2 Standard, Microsoft Windows Server 2008 R2 Foundation, Red Hat Enterprise Linux 7, Red Hat Enterprise Linux 6, Red Hat Enterprise Linux 5
Noise level:	24 dB
<b>Processor special features</b>	
CPU configuration (max):	1
Intel Rapid Storage Technology:	N
Enhanced Intel SpeedStep Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	Y
Intel® Wireless Display (Intel® WiDi):	Y
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel® Anti-Theft Technology (Intel® AT):	Y
Intel® Hyper Threading Technology (Intel® HT Technology):	Y
Intel® My WiFi Technology (Intel® MWT):	N
Intel® Turbo Boost Technology:	Y
Intel® vPro® Technology:	Y
Intel® Quick Sync Video Technology:	Y
Intel® InTru® 3D Technology:	Y
Intel® Clear Video HD Technology (Intel® CVT HD):	Y
Intel® Insider®:	Y
Intel Flex Memory Access:	Y
Intel® Smart Cache:	Y
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel Trusted Execution Technology:	Y
Intel Enhanced Halt State:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel Demand Based Switching:	N
Intel® Secure Key:	Y
Intel Stable Image Platform Program (SIPP):	Y
Intel Clear Video Technology:	N
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID):	Y
Intel 64:	Y
Intel Identity Protection Technology version:	1.00
Intel Stable Image Platform Program (SIPP) version:	1.00
Intel Secure Key Technology version:	1.00
Intel Virtualization Technology (VT-x):	Y
Intel TSX-NI version:	1.00

Intel Dual Display Capable Technology:	N
Intel FDI Technology:	Y
Intel I/O Acceleration Technology:	Y
Intel Fast Memory Access:	Y
Processor ARK ID:	80917

#### Power

Redundant power supply (RPS) support:	N
Power supply:	250 W
Number of main power supplies:	1
Power supply input frequency:	50 - 60 Hz

#### Operational conditions

Operating temperature (T-T):	10 - 35 °C
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#### Certificates

Certification:	CB, RoHS, WEEE, GS, CE A, CSA us, ULc/us, FCC A, VCCI A, KC, C-Tick
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#### Weight & dimensions

Width:	175 mm
Depth:	419 mm
Height:	395 mm
Weight:	14000 g

#### Other features

Graphics adapter:	HD Graphics P4600
Graphics adapter family:	Intel
Intel® Virtualization Technology (Intel® VT):	VT-d,VT-x