

# Fujitsu PRIMERGY TX2540 M1 server (VFY:T2541SC040IN)

TX2540 M1 SFF, Tower, Intel C602, Intel Xeon E5-2440v2, 16GB DDR3-1600MHz, 24 x 2.5" SAS/SATA, 2 x 1Gb/s Ethernet, 1 x Hot-plug 450W



## Price details:

Price excl. VAT: 1,892.70 €

Eco fees: 0.08 €

VAT 21 %: 397.48 €

## Product details:

Product code: VFY:T2541SC040IN

EAN: 4053026630375

Manufacturer: Fujitsu

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**2,290.26 €**

\* VAT included

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.

## Main specifications:

### Processor

|   |                        |
|---|------------------------|
| Processor frequency:                            | 1.9 GHz                |
| Processor family:                               | Intel Xeon E5 v2       |
| Processor model:                                | E5-2440V2              |
| Processor cores:                                | 8                      |
| Number of processors installed:                 | 1                      |
| Processor cache type:                           | Smart Cache            |
| Processor cache:                                | 20 MB                  |
| System bus rate:                                | 7.2 GT/s               |
| Processor manufacturer:                         | Intel                  |
| Maximum number of SMP processors:               | 2                      |
| Processor socket:                               | LGA 1356 (Socket B2)   |
| Motherboard chipset:                            | Intel C602             |
| Processor boost frequency:                      | 2.4 GHz                |
| Processor lithography:                          | 22 nm                  |
| Processor threads:                              | 16                     |
| Processor operating modes:                      | 64-bit                 |
| Stepping:                                       | M1                     |
| FSB Parity:                                     | N                      |
| Bus type:                                       | QPI                    |
| Number of QPI links:                            | 1                      |
| Processor codename:                             | Ivy Bridge EN          |
| Tcase:  | 80 °C                  |
| Maximum internal memory supported by processor: | 384 GB                 |
| Memory types supported by processor:            | DDR3-SDRAM             |
| Memory clock speeds supported by processor:     | 800,1066,1333,1600 MHz |
| Memory bandwidth supported by processor (max):  | 38.4 GB/s              |
| Memory channels supported by processor:         | Triple                 |
| ECC supported by processor:                     | Y                      |
| Execute Disable Bit:                            | Y                      |

|                                      |                       |
|--------------------------------------|-----------------------|
| Idle States:                         | Y                     |
| Thermal Monitoring Technologies:     | Y                     |
| Maximum number of PCI Express lanes: | 24                    |
| PCI Express configurations:          | x4, x8, x16           |
| Processor package size:              | 45 mm                 |
| Supported instruction sets:          | AVX                   |
| Processor code:                      | SR19T                 |
| Scalability:                         | 2S                    |
| Physical Address Extension (PAE):    | Y                     |
| Physical Address Extension (PAE):    | 46 bit                |
| Embedded options available:          | N                     |
| Thermal Design Power (TDP):          | 95 W                  |
| Processor series:                    | Intel Xeon E5-2400 v2 |
| Conflict Free processor:             | N                     |

#### Memory

|                               |            |
|-------------------------------|------------|
| Internal memory:              | 16 GB      |
| Internal memory type:         | DDR3-SDRAM |
| Maximum internal memory:      | 192 GB     |
| Memory slots:                 | 12         |
| Memory clock speed:           | 1600 MHz   |
| ECC:                          | Y          |
| Memory layout (slots x size): | 1 x 16 GB  |

#### Storage

|                                     |   |
|-------------------------------------|---|
| Hard drive size:                    | 2.5 "                                     |
| Hard drive interface:               | Serial ATA III,Serial Attached SCSI (SAS) |
| RAID support:                       | Y   |
| RAID levels:                        | 0,1,5,6,10                                |
| Number of hard drives supported:    | 24  |
| Supported storage drive interfaces: | SAS,Serial ATA III                        |

#### Graphics

|                            |   |
|----------------------------|---|
| On-board graphics adapter: | Y |
|----------------------------|---|

#### Networking

|                          |                      |
|--------------------------|----------------------|
| Ethernet LAN:            | Y                    |
| Cabling technology:      | 10/100/1000Base-T(X) |
| Ethernet interface type: | Gigabit Ethernet     |

#### Ports & interfaces

|                             |   |
|-----------------------------|---|
| USB 2.0 ports quantity:     | 6 |
| VGA (D-Sub) ports quantity: | 1 |
| Ethernet LAN (RJ-45) ports: | 3 |
| 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   |
| PCI slots:                       | 1   |
| PCI Express slots version:       | 3.0 |

#### Design

|                     |                 |
|---------------------|-----------------|
| Chassis type:       | Tower           |
| Optical drive type: | DVD Super Multi |

#### Performance

|                               |   |
|-------------------------------|---|
| Operating system installed:   | N   |
| Compatible operating systems: | Windows Server 2008, 2012/R2Hyper-V ServerWindows Web Server<br>2008 R2Windows Small Business Server 2011Windows Storage Server<br>2012/R2SUSE Linux Enterprise Server 10+Red Hat Enterprise Linux<br>5/6Citrix XenServer |

#### Processor special features

|  |   |
|--|---|
| CPU configuration (max):                                 | 2 |
| Intel Rapid Storage Technology:                          | N |
| Enhanced Intel SpeedStep Technology:                     | Y |
| Intel® Identity Protection Technology (Intel® IPT):      | N |
| Intel® Wireless Display (Intel® WiDi):                   | N |
| Intel Virtualization Technology for Directed I/O (VT-d): | Y |
| Intel® Anti-Theft Technology (Intel® AT):                | N |

|  |       |
|--|-------|
| Intel® Hyper Threading Technology (Intel® HT Technology):                      |       |
| Intel® My WiFi Technology (Intel® MWT):  | N     |
| Intel® Turbo Boost Technology:   | 2.0   |
| Intel® vPro® Technology:   | N     |
| Intel® Quick Sync Video Technology:  | N     |
| Intel® InTru® 3D Technology:   | N     |
| Intel® Clear Video HD Technology (Intel® CVT HD):                              | N     |
| Intel® Insider®:   | N     |
| Intel Flex Memory Access:  | N     |
| 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:  | Y     |
| Intel® Secure Key:   | Y     |
| Intel TSX-NI:  | N     |
| Intel® OS Guard:   | Y     |
| Intel Clear Video Technology:  | N     |
| Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID): | N     |
| Intel 64:  | Y     |
| Intel Identity Protection Technology version:                                  | 0.00  |
| Intel Secure Key Technology version:   | 1.00  |
| Intel Virtualization Technology (VT-x):  | Y     |
| Intel TSX-NI version:  | 0.00  |
| Intel Dual Display Capable Technology:   | N     |
| Intel FDI Technology:  | N     |
| Intel Fast Memory Access:  | N     |
| Processor ARK ID:  | 75263 |

#### Power

|   |            |
|---|------------|
| Redundant power supply (RPS) support:         | Y          |
| Power supply:                                 | 450 W      |
| Number of redundant power supplies supported: | 2          |
| Number of redundant power supplies installed: | 1          |
| Number of main power supplies:                | 1          |
| Power supply input frequency:                 | 47 - 63 Hz |

#### Operational conditions

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

#### Certificates

|                |                |
|----------------|----------------|
| Certification: | CB, RoHS, WEEE |
|----------------|----------------|

#### Weight & dimensions

|         |        |
|---------|--------|
| Width:  | 177 mm |
| Depth:  | 651 mm |
| Height: | 456 mm |