**FUJITSU** PRIMERGY

# Fujitsu PRIMERGY RX2510 M2 server 0 GB Rack (1U) Intel® Xeon® E5 v4 E5-2620V4 2.1 GHz 16 GB DDR4-SDRAM 450 W

**Brand :** Fujitsu

**Product family:** PRIMERGY

**Product code:**
VFY:R2512SC180IN

**Product name :** RX2510 M2

Fujitsu PRIMERGY RX2510 M2. Processor family: Intel® Xeon® E5 v4, Processor frequency: 2.1 GHz, Processor model: E5-2620V4. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 16 GB. Total storage capacity: 0 GB. Power supply: 450 W. Chassis type: Rack (1U)

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Xeon® E5 v4 |
| Processor model * | E5-2620V4 |
| Processor frequency * | 2.1 GHz |
| Processor boost frequency | 3 GHz |
| Processor cores | 8 |
| Processor cache | 20 MB |
| Motherboard chipset | Intel® C612 |
| Memory channels supported by processor | Quad |
| Number of processors installed | 1 |
| Thermal Design Power (TDP) | 85 W |
| Processor cache type | Smart Cache |
| System bus rate | 8 GT/s |
| Maximum number of SMP processors | 2 |
| Processor socket | LGA 2011-v3 |
| Processor lithography | 14 nm |
| Processor threads | 16 |
| Processor operating modes | 64-bit |
| Stepping | R0 |
| Bus type | QPI |
| Number of QPI links | 2 |
| Processor codename | Broadwell |
| Tcase | 74 °C |
| Maximum internal memory supported by processor | 1.54 TB |
| Memory types supported by processor | DDR4-SDRAM |
| Memory clock speeds supported by processor | 1600,1866,2133 MHz |
| Memory bandwidth supported by processor (max) | 68.3 GB/s |
| ECC supported by processor | ✔ |
| Execute Disable Bit | ✔ |
| Idle States | ✔ |
| Thermal Monitoring Technologies | ✔ |
| Maximum number of PCI Express lanes | 40 |
| Processor package size | 45 x 52.5 mm |
| Supported instruction sets | AVX 2.0 |
| Processor code | SR2R6 |
| Scalability | 2S |
| Physical Address Extension (PAE) | ✔ |
| Physical Address Extension (PAE) | 46 bit |

## Storage

| | |
|---|---|
| RAID support * | ✔ |
| Optical drive type * | ✘ |
| Supported storage drive interfaces | SAS, Serial ATA III |

## Ports & interfaces

| | |
|---|---|
| USB 2.0 ports quantity | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 4 |

## Expansion slots

| | |
|---|---|
| PCI Express x8 (Gen 3.x) slots | 2 |
| PCI Express x16 (Gen 3.x) slots | 2 |
| PCI Express slots version | 3.0 |

## Design

| | |
|---|---|
| Chassis type * | Rack (1U) |
| Rack mounting | ✔ |

## Software

| | |
|---|---|
| Operating system installed * | ✘ |
| Compatible operating systems * | Windows Server 2016, Windows Server 2012 |

## Processor special features

| | |
|---|---|
| CPU configuration (max) | 2 |
| Enhanced Intel SpeedStep Technology | ✔ |
| Intel® Identity Protection Technology (Intel® IPT) | ✘ |
| Intel Virtualization Technology for Directed I/O (VT-d) | ✔ |
| Intel® Hyper Threading Technology (Intel® HT Technology) | ✔ |
| Intel® Turbo Boost Technology | 2.0 |
| Intel Flex Memory Access | ✘ |
| 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 64 | ✔ |

## Processor

| | |
|---|---|
| Embedded options available | ✔ |
| Processor series | Intel Xeon E5-2600 v4 |
| Conflict-Free processor | ✔ |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type * | DDR4-SDRAM |
| Memory slots | 12x DIMM |
| ECC | ✔ |
| Memory clock speed | 2400 MHz |
| Memory layout (slots x size) | 1 x 16 GB |
| Maximum internal memory * | 384 GB |

## Storage

| | |
|---|---|
| Total storage capacity * | 0 GB |
| Number of HDDs supported | 4 |
| Supported HDD sizes | 2.5,3.5" |

## Processor special features

| | |
|---|---|
| Intel Identity Protection Technology version | 0.00 |
| Intel Secure Key Technology version | 1.00 |
| Intel Virtualization Technology (VT-x) | ✔ |
| Intel TSX-NI version | 1.00 |
| Processor ARK ID | 92986 |

## Power

| | |
|---|---|
| Power supply * | 450 W |
| Number of main power supplies | 1 |

## Weight & dimensions

| | |
|---|---|
| Width | 483 mm |
| Depth | 770.7 mm |
| Height | 43 mm |
| Weight | 16 kg |

## Technical details

| | |
|---|---|
| Number of 2.5" bays | 8 |

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