Fujitsu PRIMERGY RX2510 M2 server Rack (1U) Intel® Xeon® E5 v4 E5-2623V4 2.6 GHz 16 GB DDR4-SDRAM 800 W

Brand : Fujitsu | **Product family:** PRIMERGY | **Product code:** VFY:R2512SC200IN

Product name : RX2510 M2

Intel Xeon E5-2623 v4 (10M Cache, 2.60 GHz), 16GB DDR4,NoHDD, 2x LAN, USB 2.0/3.0, Rack 1U, 800W

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The FUJITSU Server PRIMERGY RX2510 M2 is a dual-socket rack server optimized to meet demanding requirements of service providers and hosters. Balanced dual-socket Intel® Xeon® E5-2600 v4 family processor performance, easy manageability and top energy efficiency ensure cost-efficient operation. The 1U small-size housing delivers optimal density for large scale-out installations including up to 384 GB DDR4 memory meet demands emerging in the field of web hosting, managed CRM services, shared, managed or private cloud environments, or other XaaS solutions.
Fujitsu PRIMERGY RX2510 M2. Processor family: Intel® Xeon® E5 v4, Processor frequency: 2.6 GHz, Processor model: E5-2623V4. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Ethernet LAN. Power supply: 800 W. Chassis type: Rack (1U)

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Xeon® E5 v4
Processor model *	E5-2623V4
Processor frequency *	2.6 GHz
Processor boost frequency	3.2 GHz
Processor cores	4
Processor cache	10 MB
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
Processor socket	LGA 2011-v3
Processor lithography	14 nm
Processor threads	8
Processor operating modes	64-bit
Stepping	R0
Bus type	QPI
Number of QPI links	2
Processor codename	Broadwell
Tcase	73 °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

Expansion slots

PCI Express slots version	3.0

Design

Chassis type *	Rack (1U)
Rack mounting	✓

Performance

Noise level	36 dB
BIOS type	UEFI

Software

Compatible operating systems *	Microsoft Hyper-V Server 2016 Microsoft Windows Server® 2016 Datacenter Microsoft Windows Server® 2016 Standard Microsoft Windows Server® 2016 Essentials Microsoft Windows Storage Server 2016 Standard Microsoft Hyper-V Server 2012 R2 Microsoft Windows Server 2012 R2 Microsoft Windows Server 2012 R2 Datacenter Microsoft Windows Server 2012 R2 Standard Microsoft Windows Server 2012 R2 Essentials 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 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 VMware vSphere 6.5 VMware vSphere 6.0 VMware vSphere 5.5 SUSE Linux Enterprise Server 12 SUSE Linux Enterprise Server 11 Red Hat Enterprise Linux 7 Red Hat Enterprise Linux 6 Oracle Linux 7 Oracle VM 3

Processor special features

CPU configuration (max)	2

Processor

Processor code	SR2PJ
Scalability	2S
Physical Address Extension (PAE)	✔
Physical Address Extension (PAE)	46 bit
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	12
Memory clock speed	2400 MHz
Maximum internal memory *	384 GB

Storage

RAID support *	✔
RAID levels	0, 1, 5, 6, 10, 50, 60
Supported RAID controllers	Fujitsu PRAID EP420i, Fujitsu PRAID EP400i, Fujitsu PRAID CP400i
Optical drive type *	✘

Network

Ethernet LAN	✔

Ports & interfaces

Ethernet LAN (RJ-45) ports *	2
USB 2.0 ports quantity	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
VGA (D-Sub) ports quantity	1
Serial ports quantity	1

Expansion slots

PCI Express x8 (Gen 3.x) slots	2
PCI Express x16 (Gen 3.x) slots	2

Processor special features

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	✔
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	92980

Power

Power supply *	800 W
Number of redundant power supplies supported	1
Number of main power supplies	1

Operational conditions

Operating temperature (T-T)	5 - 45 °C
Operating relative humidity (H-H)	10 - 85%

Weight & dimensions

Width	483 mm
Depth	770 mm
Height	43 mm
Weight	16 kg

Technical details

Number of 2.5" bays	8
Number of 3.5" bays	4