

Fujitsu PRIMERGY RX2510 M2 server 0 GB Rack (1U) Intel® Xeon® E5 v4 E5-2620V4 2.1 GHz 16 GB DDR4-SDRAM 800 W

Brand : Fujitsu

Product family: PRIMERGY

Product code:
VFY:R2512SC190IN

Product name : RX2510 M2

Intel Xeon E5-2620 v4 (20M Cache, 2.10 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: 2.1 GHz, Processor model: E5-2620V4. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 0 GB, HDD size: 3.5", HDD interface: Serial ATA III. Ethernet LAN. Power supply: 800 W. Chassis type: Rack (1U)

Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x8 (Gen 3.x) slots	2
Processor family *	Intel® Xeon® E5 v4	PCI Express x16 (Gen 3.x) slots	2
Processor model *	E5-2620V4	PCI Express slots version	3.0
Processor frequency *	2.1 GHz	Design	
Processor boost frequency	3 GHz	Chassis type *	Rack (1U)
Processor cores	8	Rack mounting	✓
Processor cache	20 MB	Performance	
Motherboard chipset	Intel® C612	Noise level	36 dB
Memory channels supported by processor	Quad	BIOS type	UEFI
Number of processors installed	1	Software	
Thermal Design Power (TDP)	85 W	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 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 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 cache type	Smart Cache		
System bus rate	8 GT/s		
Processor socket	LGA 2011-v3		
Supported processor sockets	LGA 2011-v3 (Socket R)		
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	✓		

Processor		Processor special features	
Maximum number of PCI Express lanes	40	CPU configuration (max)	2
PCI Express configurations	1x16, 1x4, 1x8	Enhanced Intel SpeedStep Technology	✓
Processor package size	45 x 52.5 mm	Intel® Identity Protection Technology (Intel® IPT)	✗
Supported instruction sets	AVX 2.0	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor code	SR2R6	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Scalability	2S	Intel® Turbo Boost Technology	2.0
Physical Address Extension (PAE)	✓	Intel Flex Memory Access	✗
Physical Address Extension (PAE)	46 bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Embedded options available	✓	Intel Trusted Execution Technology	✓
Processor series	Intel Xeon E5-2600 v4	Intel Enhanced Halt State	✓
Conflict-Free processor	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	✓
Internal memory *	16 GB	Intel® Secure Key	✓
Internal memory type *	DDR4-SDRAM	Intel TSX-NI	✓
Memory slots	12	Intel® OS Guard	✓
Memory clock speed	2400 MHz	Intel 64	✓
Storage		Intel Identity Protection Technology version	0.00
Total storage capacity *	0 GB	Intel Secure Key Technology version	1.00
HDD interface	Serial ATA III	Intel Virtualization Technology (VT-x)	✓
HDD size	3.5"	Intel TSX-NI version	1.00
RAID support *	✓	Processor ARK ID	92986
RAID levels	0, 1, 5, 6, 10, 50, 60	Power	
Supported RAID controllers	Fujitsu PRAID EP420i, Fujitsu PRAID EP400i, Fujitsu PRAID CP400i	Power supply *	800 W
Optical drive type *	✗	Number of redundant power supplies supported	1
Network		Number of main power supplies	1
Wi-Fi	✗	Operational conditions	
Ethernet LAN	✓	Operating temperature (T-T)	5 - 45 °C
Ports & interfaces		Operating relative humidity (H-H)	10 - 85%
Ethernet LAN (RJ-45) ports *	2	Weight & dimensions	
USB 2.0 ports quantity	2	Width	483 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Depth	770 mm
VGA (D-Sub) ports quantity	1	Height	43 mm
Serial ports quantity	1	Weight	16 kg
		Technical details	
		Number of 2.5" bays	8
		Number of 3.5" bays	4

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