

Fujitsu PRIMERGY RX2510 M2 server 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

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



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. 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 x16 (Gen 3.x) slots	2
Processor family *	Intel® Xeon® E5 v4	PCI Express slots version	3.0
Processor model *	E5-2620V4	Design	
Processor frequency *	2.1 GHz	Chassis type *	Rack (1U)
Processor boost frequency	3 GHz	Rack mounting	✓
Processor cores	8	Performance	
Processor cache	20 MB	Noise level	36 dB
Motherboard chipset	Intel® C612	BIOS type	UEFI
Memory channels supported by processor	Quad	Software	
Number of processors installed	1	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 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	
Thermal Design Power (TDP)	85 W		
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	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 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	
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		Processor special features	
PCI Express configurations	1x16, 1x4, 1x8	CPU configuration (max)	2
Processor package size	45 x 52.5 mm	Enhanced Intel SpeedStep Technology	✓
Supported instruction sets	AVX 2.0	Intel® Identity Protection Technology (Intel® IPT)	✗
Processor code	SR2R6	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Scalability	2S	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Physical Address Extension (PAE)	✓	Intel® Turbo Boost Technology	2.0
Physical Address Extension (PAE)	46 bit	Intel Flex Memory Access	✗
Embedded options available	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor series	Intel Xeon E5-2600 v4	Intel Trusted Execution Technology	✓
Conflict-Free processor	✓	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	16 GB	Intel Demand Based Switching	✓
Internal memory type *	DDR4-SDRAM	Intel® Secure Key	✓
Memory slots	12	Intel TSX-NI	✓
Memory clock speed	2400 MHz	Intel® OS Guard	✓
Storage		Intel 64	✓
HDD interface	Serial ATA III	Intel Identity Protection Technology version	0.00
HDD size	3.5"	Intel Secure Key Technology version	1.00
RAID support *	✓	Intel Virtualization Technology (VT-x)	✓
RAID levels	0, 1, 5, 6, 10, 50, 60	Intel TSX-NI version	1.00
Supported RAID controllers	Fujitsu PRAID EP420i, Fujitsu PRAID EP400i, Fujitsu PRAID CP400i	Processor ARK ID	92986
Optical drive type *	✗	Power	
Network		Power supply *	800 W
Wi-Fi	✗	Number of redundant power supplies supported	1
Ethernet LAN	✓	Number of main power supplies	1
Ports & interfaces		Operational conditions	
Ethernet LAN (RJ-45) ports *	2	Operating temperature (T-T)	5 - 45 °C
USB 2.0 ports quantity	2	Operating relative humidity (H-H)	10 - 85%
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Weight & dimensions	
VGA (D-Sub) ports quantity	1	Width	483 mm
Serial ports quantity	1	Depth	770 mm
Expansion slots		Height	43 mm
PCI Express x8 (Gen 3.x) slots	2	Weight	16 kg
		Technical details	
		Number of 2.5" bays	8
		Number of 3.5" bays	4

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