

Fujitsu PRIMERGY RX2510 M2 server Rack (1U) Intel® Xeon® E5 v4 E5-2630V4 2.2 GHz 16 GB DDR4-SDRAM 800 W

Brand : Fujitsu

Product family: PRIMERGY

Product code:
VFY:R2512SC210IN



Product name : RX2510 M2

Intel Xeon E5-2630 v4 (25M Cache, 2.20 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 E5-2630V4 2.2 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: 2.2 GHz, Processor model: E5-2630V4. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Ethernet LAN. Power supply: 800 W. Chassis type: Rack (1U)



Processor		Design	
Processor manufacturer *	Intel	Chassis type *	Rack (1U)
Processor family *	Intel® Xeon® E5 v4	Rack mounting	✓
Processor model *	E5-2630V4	Performance	
Processor frequency *	2.2 GHz	Noise level	36 dB
Processor boost frequency	3.1 GHz	BIOS type	UEFI
Processor cores	10	Software	
Processor cache	25 MB	Operating system installed *	✗
Memory channels supported by processor	Quad	Microsoft Hyper-V Server 2016	
Number of processors installed	1	Microsoft Windows Server® 2016	
Thermal Design Power (TDP)	85 W	Datacenter Microsoft Windows Server® 2016 Standard Microsoft Windows Server® 2016 Essentials	
Processor cache type	Smart Cache	Microsoft Windows Storage Server 2016 Standard Microsoft Hyper-V Server 2012 R2 Microsoft Windows Server 2012 R2 Datacenter	
System bus rate	8 GT/s	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	
Processor socket	LGA 2011-v3	Microsoft Windows Storage Server 2012 R2 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 lithography	14 nm	Compatible operating systems *	
Processor threads	20		
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
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	SR2R7	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	✓
Maximum internal memory *	384 GB	Intel 64	✓
Storage		Intel Identity Protection Technology version	0.00
RAID support *	✓	Intel Secure Key Technology version	1.00
RAID levels	0, 1, 5, 6, 10, 50, 60	Intel Virtualization Technology (VT-x)	✓
Supported RAID controllers	Fujitsu PRAID EP420i, Fujitsu PRAID EP400i, Fujitsu PRAID CP400i	Intel TSX-NI version	1.00
Optical drive type *	✗	Processor ARK ID	92981
Network		Power	
Ethernet LAN	✓	Power supply *	800 W
Ports & interfaces		Number of redundant power supplies supported	1
Ethernet LAN (RJ-45) ports *	2	Number of main power supplies	1
USB 2.0 ports quantity	2	Operational conditions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Operating temperature (T-T)	5 - 45 °C
VGA (D-Sub) ports quantity	1	Operating relative humidity (H-H)	10 - 85%
Serial ports quantity	1	Weight & dimensions	
Expansion slots		Width	483 mm
PCI Express x8 (Gen 3.x) slots	2	Depth	770 mm
PCI Express x16 (Gen 3.x) slots	2	Height	43 mm
PCI Express slots version	3.0	Weight	16 kg
		Technical details	
		Number of 2.5" bays	8
		Number of 3.5" bays	4

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