

# Fujitsu PRIMERGY RX2510 M2 server 0 GB 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 0 GB 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. Total storage capacity: 0 GB. Ethernet LAN. Power supply: 800 W. Chassis type: Rack (1U)



Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express slots version	3.0
Processor family *	Intel® Xeon® E5 v4	<b>Design</b>	
Processor model *	E5-2630V4	Chassis type *	Rack (1U)
Processor frequency *	2.2 GHz	Rack mounting	✓
Processor boost frequency	3.1 GHz	<b>Performance</b>	
Processor cores	10	Noise level	36 dB
Processor cache	25 MB	BIOS type	UEFI
Memory channels supported by processor	Quad	<b>Software</b>	
Number of processors installed	1	Operating system installed *	✗
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	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		Software					
Maximum number of PCI Express lanes	40	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					
Processor package size	45 x 52.5 mm						
Supported instruction sets	AVX 2.0						
Processor code	SR2R7						
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		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					
Internal memory *	16 GB						
Internal memory type *	DDR4-SDRAM						
Memory slots	12						
Memory clock speed	2400 MHz						
Maximum internal memory *	384 GB						
Storage				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			
Total storage capacity *	0 GB						
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		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					
Ethernet LAN	✓						
Ports & interfaces						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	
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				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			
PCI Express x8 (Gen 3.x) slots	2						
PCI Express x16 (Gen 3.x) slots	2						
Processor special features		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					
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	✓						
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	92981						
Power		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					
Power supply *	800 W						
Number of redundant power supplies supported	1						
Number of main power supplies	1						
Operational conditions				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			
Operating temperature (T-T)	5 - 45 °C						

**Operational conditions**

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

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