



Fujitsu Intel Xeon E5-2690 v2 processor 3 GHz 25 MB L3

Brand : Fujitsu

Product code: S26361-F5275-L300

Product name : Intel Xeon E5-2690 v2

Intel Xeon Processor E5-2690 v2 (25M Cache, 3.00 GHz)

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The explosive growth of unstructured data puts new demands on network and storage infrastructure and challenges your ability to deliver services such as cloud computing. IT needs to respond rapidly to new and changing business demands, scale quickly and appropriately to fluctuating workloads, accommodate business expansions, and protect your data from cybercriminals—all while keeping costs down.



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Processor		Features	
Processor model *	E5-2690V2	Maximum number of PCI Express lanes	40
Processor base frequency *	3 GHz	PCI Express slots version	3.0
Processor family *	Intel® Xeon® E5 V2 Family	Supported instruction sets	AVX
Processor cores *	10	Scalability	25
Processor socket *	LGA 2011 (Socket R)	CPU configuration (max)	2
Component for	Server/workstation	Embedded options available	✗
Processor lithography *	22 nm	Processor special features	
Processor threads	20	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	8 GT/s	Intel® Identity Protection Technology (Intel® IPT)	✗
Processor operating modes *	64-bit	Intel® Turbo Boost Technology	2.0
Processor boost frequency	3.6 GHz	Intel Flex Memory Access	✗
Processor cache	25 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	L3	Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	130 W	Intel Trusted Execution Technology	✓
VID Voltage Range	0.65 - 1.30 V	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	QPI	Intel Demand Based Switching	✓
Number of QPI links	2	Intel® Secure Key	✓
Memory bandwidth supported by processor (max)	59.7 GB/s	Intel® OS Guard	✓
Memory		Intel Virtualization Technology (VT-x)	✓
Maximum internal memory supported by processor	768 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory types supported by processor	DDR3-SDRAM	Intel® vPro™ Platform Eligibility	✓
Memory clock speeds supported by processor	800,1066,1333,1600,1866 MHz	Operational conditions	
Memory channels *	Quad-channel	Tcase	88 °C
ECC	✓	Other features	
Graphics		Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Market segment	Server		

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