



DELL Intel Xeon E5-2690 v3 processor 2.6 GHz 30 MB Smart Cache

Brand : DELL

Product code: 338-BGLL

Product name : Intel Xeon E5-2690 v3

Intel Xeon E5-2690 v3, 30M Cache, 2.6 GHz, 9.6 GT/s QPI, FCLGA2011-3, Refurbished

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The Intel® Processor enhances the performance and the speed of your system. Additionally, the Virtualization Technology enables migration of more environments. It supports enhanced SpeedStep® technology that allows tradeoffs to be made between performance and power consumption.

Its Thermal Monitoring Technologies protect the processor package and the system from thermal failure through several thermal management features. The VT-x with Extended Page Tables (EPT) also known as Second Level Address Translation (SLAT), provides acceleration for memory intensive virtualized applications. Packed with more features, the Processor is the ideal choice for virtually all of your data demanding or standard enterprise infrastructure applications.



Processor		Features	
Processor model *	E5-2690V3	Thermal Monitoring Technologies	✓
Processor base frequency *	2.6 GHz	Market segment	Server
Processor family *	Intel Xeon E5 v3	Maximum number of PCI Express lanes	40
Processor cores *	12	PCI Express slots version	3.0
Processor socket *	LGA 2011-v3	Supported instruction sets	AVX 2.0
Component for	Server/workstation	Scalability	25
Processor lithography *	22 nm	Physical Address Extension (PAE)	✓
Processor series	Intel Xeon E5-2600 v3	CPU configuration (max)	2
Processor threads	24	Embedded options available	✗
System bus rate	9.6 GT/s	Physical Address Extension (PAE)	46 bit
Processor operating modes *	64-bit	Processor special features	
Processor boost frequency	3.5 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache	30 MB	Intel® Turbo Boost Technology	2.0
Processor cache type	Smart Cache	Intel Flex Memory Access	✗
Thermal Design Power (TDP)	135 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Cooler included *	✗	Enhanced Intel SpeedStep Technology	✓
VID Voltage Range	0.65 - 1.3 V	Intel Trusted Execution Technology	✓
Stepping	M1	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)	68 GB/s	Intel TSX-NI	✗
Processor codename	Haswell	Intel® OS Guard	✓
Memory		Intel 64	✓
Maximum internal memory supported by processor	768 GB	Intel Virtualization Technology (VT-x)	✓
Memory types supported by processor	DDR4-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speeds supported by processor	1600,1866,2133 MHz	Intel® vPro™ Platform Eligibility	✓
Memory channels *	Quad-channel	Operational conditions	
ECC	✓	Tcase	89.9 °C
Graphics			
On-board graphics card *	✗		
Discrete graphics card *	✗		
Features			
Execute Disable Bit	✓		
Idle States	✓		

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