

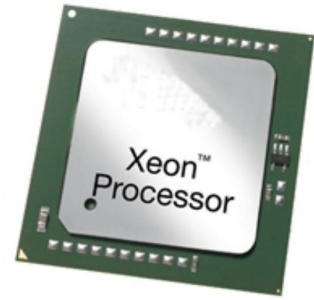


DELL Intel Xeon E5-2609 processor 2.4 GHz 10 MB L3

Brand : DELL

Product code: 317-9623

Product name : Intel Xeon E5-2609



Intel Xeon E5-2609, 2.4 GHz, 10 MB Cache, 6.4 GT/s, 32 nm
 DELL Intel Xeon E5-2609. Processor family: Intel® Xeon® E5 Family, Processor socket: LGA 2011 (Socket R), Processor lithography: 32 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 384 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Scalability: 2S. Package width: 52.5 mm, Package depth: 45 mm. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x

Processor		Features	
Processor model *	E5-2609	PCI Express slots version	3.0
Processor base frequency *	2.4 GHz	Scalability	2S
Processor family *	Intel® Xeon® E5 Family	Embedded options available	✗
Processor cores *	4	Processor special features	
Processor socket *	LGA 2011 (Socket R)	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Component for	Server/workstation	Intel® Identity Protection Technology (Intel® IPT)	✗
Processor lithography *	32 nm	Intel® Turbo Boost Technology	✗
Processor threads	4	Intel Flex Memory Access	✗
System bus rate	6.4 GT/s	Intel® Smart Cache	✓
Processor operating modes *	32-bit, 64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache	10 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	L3	Intel Trusted Execution Technology	✓
Thermal Design Power (TDP)	80 W	Intel VT-x with Extended Page Tables (EPT)	✓
VID Voltage Range	0.60 - 1.35 V	Intel Demand Based Switching	✓
Bus type	QPI	Intel Virtualization Technology (VT-x)	✓
Number of QPI links	2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory bandwidth supported by processor (max)	34.1 GB/s	Intel® vPro™ Platform Eligibility	✓
Memory		Operational conditions	
Maximum internal memory supported by processor	384 GB	Tcase	70 °C
Memory types supported by processor	DDR3-SDRAM	Packaging data	
Memory clock speeds supported by processor	800,1066 MHz	Package width	52.5 mm
Memory channels *	Quad-channel	Package depth	45 mm
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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