## Lenovo Intel Xeon E5-2620 v3 processor 2.4 GHz 15 MB L3

Brand : Lenovo

Processor

Processor model \*

Product name : Intel Xeon E5-2620 v3

Intel Xeon E5-2620 v3, 2.4 GHz (3.2 GHz Turbo), 15 MB Cache, 8 GT/s, 22 nm, 64 bit

Lenovo Intel Xeon E5-2620 v3 processor 2.4 GHz 15 MB L3:

As a global leader in the PC market, IBM/Lenovo develops, manufactures and markets cutting-edge, reliable, high-quality PC products and value-added professional services that provide customers around the world with smarter ways to be productive and competitive.

Product code: 00JX060

Features

Maximum number of PCI Express

Lenovo Intel Xeon E5-2620 v3. Processor family: Intel Xeon E5 v3, Processor socket: LGA 2011-v3, Processor lithography: 22 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 768 GB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: AVX 2.0, Scalability: 2S. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x





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3.0

2S

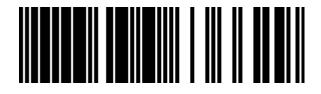
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AVX 2.0

## lanes Processor base frequency \* 2.4 GHz PCI Express slots version Intel Xeon E5 v3 Processor family \* Supported instruction sets Processor cores \* 6 Scalability Processor socket \* LGA 2011-v3 Embedded options available Component for Server/workstation Processor lithography \* 22 nm Processor special features Processor threads 12 Intel® Hyper Threading Technology 8 GT/s System bus rate (Intel® HT Technology) Pro Pro Pro Pro Th VIE Bu

E5-2620V3

System bus ruce	0 01/5	(inceres in reenhology)	
Processor operating modes *	64-bit	Intel® Identity Protection	×
Processor boost frequency	3.2 GHz	Technology (Intel® IPT)	
Processor cache	15 MB	Intel® Turbo Boost Technology	2.0
Processor cache type	L3	Intel Flex Memory Access	×
Thermal Design Power (TDP)	85 W	Intel <sup>®</sup> Smart Cache	4
VID Voltage Range	0.65 - 1.30 V	Intel® AES New Instructions (Intel® AES-NI)	1
Bus type	QPI	,	
Number of QPI links	2	Enhanced Intel SpeedStep Technology	1
Memory bandwidth supported by processor (max)	59 GB/s	Intel Trusted Execution Technology	1
Processor codename	Haswell	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	4
Maximum internal memory		Intel <sup>®</sup> Secure Key	4
supported by processor	768 GB	Intel TSX-NI	×
Memory types supported by processor	DDR4-SDRAM	Intel Virtualization Technology (VT- x)	✓
Memory clock speeds supported by processor	1600,1866 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory channels *	Quad-channel	Intel® vPro <sup>™</sup> Platform Eligibility	4
ECC	1	Operational conditions	
Graphics		Tcase	72.6 °C
On-board graphics card *	×	Other features	
Features		Intel® Virtualization Technology	VT-d, VT-x
Execute Disable Bit	4	(Intel® VT)	
Idle States	4		
Thermal Monitoring Technologies	4		
Market segment	Server		





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