

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

Brand : Fujitsu

Product code: S26361-F3849-L320

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

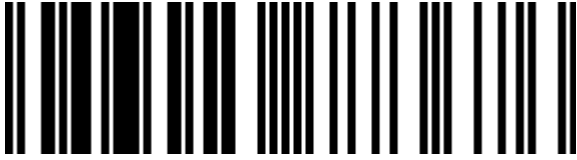
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Fujitsu Intel Xeon E5-2620 v3. Processor family: Intel Xeon E5 v3, Processor socket: LGA 2011-v3, Processor lithography: 22 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 768 GB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, PCI Express configurations: 1x4, 1x8, 1x16, Supported instruction sets: AVX 2.0. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x



Processor		Features	
Processor model *	E5-2620V3	PCI Express slots version	3.0
Processor base frequency *	2.4 GHz	PCI Express configurations	1x4, 1x8, 1x16
Processor family *	Intel Xeon E5 v3	Supported instruction sets	AVX 2.0
Processor cores *	6	Scalability	2S
Processor socket *	LGA 2011-v3	CPU configuration (max)	2
Component for	Server/workstation	Embedded options available	✓
Processor lithography *	22 nm	Processor special features	
Processor threads	12	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	3.2 GHz	Intel Flex Memory Access	✗
Processor cache	15 MB	Intel® Smart Cache	✓
Processor cache type	L3	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	85 W	Enhanced Intel SpeedStep Technology	✓
VID Voltage Range	0.65 - 1.30 V	Intel Trusted Execution Technology	✓
Bus type	QPI	Intel VT-x with Extended Page Tables (EPT)	✓
Number of QPI links	2	Intel Demand Based Switching	✓
Memory bandwidth supported by processor (max)	59 GB/s	Intel® Secure Key	✓
Memory		Intel TSX-NI	✗
Maximum internal memory supported by processor	768 GB	Intel® OS Guard	✓
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™ Platform Eligibility	✓
ECC	✓	Operational conditions	
Graphics		Tcase	72.6 °C
On-board graphics card *	✗	Other features	
Features		Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Market segment	Server		
Maximum number of PCI Express lanes	40		



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