



DELL Intel Xeon E3-1230L v3 processor 1.8 GHz 8 MB L3

Brand : DELL

Product code: 338-BESX

Product name : Intel Xeon E3-1230L v3



Xeon Processor E3-1230L v3 (8M Cache, 1.80 GHz)

DELL Intel Xeon E3-1230L v3. Processor family: Intel® Xeon® E3 V3 Family, Processor socket: LGA 1150 (Socket H3), Processor lithography: 22 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 32 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, PCI Express configurations: 1x16, 2x8, 1x8+2x4, Supported instruction sets: AVX 2.0, SSE4.1, SSE4.2. Intel® Virtualization Technology (Intel® VT): VT-d, VT-x



Processor		Features	
Processor model *	E3-1230LV3	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor base frequency *	1.8 GHz	Bandwidth	5 MB/s
Processor family *	Intel® Xeon® E3 V3 Family	Scalability	1S
Processor cores *	4	CPU configuration (max)	1
Processor socket *	LGA 1150 (Socket H3)	Embedded options available	✗
Component for	Server/workstation	Graphics & IMC lithography	22 nm
Processor lithography *	22 nm	Thermal solution specification	PCG 2013A
Processor threads	8	Processor special features	
System bus rate	5 GT/s	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor operating modes *	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	2.8 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cache	8 MB	Intel® Turbo Boost Technology	2.0
Processor cache type	L3	Intel Fast Memory Access	✓
L3 cache speed	1.8 GHz	Intel Flex Memory Access	✓
Thermal Design Power (TDP)	25 W	Intel® Smart Cache	✓
Box *	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	C0	Enhanced Intel SpeedStep Technology	✓
Bus type	DMI	Intel Trusted Execution Technology	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel Enhanced Halt State	✓
Memory		Intel® Secure Key	✓
Maximum internal memory supported by processor	32 GB	Intel TSX-NI	✓
Memory types supported by processor	DDR3-SDRAM	Intel Stable Image Platform Program (SIPP)	✓
Memory clock speeds supported by processor	1333,1600 MHz	Intel® OS Guard	✓
Memory channels *	Dual-channel	Intel Virtualization Technology (VT-x)	✓
ECC	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel® vPro™ Platform Eligibility	✓
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	16		
PCI Express slots version	3.0		
PCI Express configurations	1x16, 2x8, 1x8+2x4		

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