

Lenovo

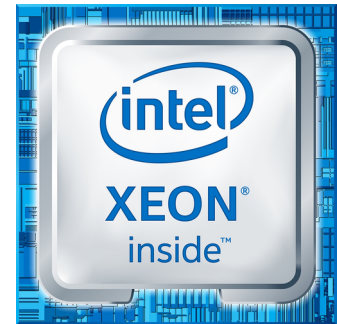
Lenovo Xeon Intel E5-2603V4 processor 1.7 GHz 15 MB Smart Cache

Brand : Lenovo

Product family: Xeon

Product code: 4XG0G89088

Product name : Intel Xeon E5-2603V4



Intel Xeon Processor E5-2603 v4 (15M Cache, 1.70 GHz)

Lenovo Xeon Intel E5-2603V4. Processor family: Intel® Xeon® E5 v4, Processor socket: LGA 2011-v3, Processor lithography: 14 nm. Memory channels: Quad-channel, Maximum internal memory supported by processor: 1.54 TB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: AVX 2.0, Scalability: 2S. Processor package size: 52.5 x 51 mm



Processor		Features	
Processor model *	E5-2603V4	Supported instruction sets	AVX 2.0
Processor base frequency *	1.7 GHz	Scalability	2S
Processor family *	Intel® Xeon® E5 v4	Physical Address Extension (PAE)	✓
Processor cores *	6	CPU configuration (max)	2
Processor socket *	LGA 2011-v3	Embedded options available	✗
Component for	Server/workstation	Physical Address Extension (PAE)	46 bit
Processor lithography *	14 nm	Processor special features	
Processor series	Intel Xeon E5-2600 v4	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor threads	6	Intel® Identity Protection Technology (Intel® IPT)	✗
System bus rate	6.4 GT/s	Intel® Turbo Boost Technology	✗
Processor operating modes *	64-bit	Intel Flex Memory Access	✗
Processor cache	15 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	85 W	Intel Trusted Execution Technology	✓
Box *	✗	Intel Enhanced Halt State	✓
VID Voltage Range	0 - 0 V	Intel VT-x with Extended Page Tables (EPT)	✓
Stepping	R0	Intel Demand Based Switching	✓
Bus type	QPI	Intel® Secure Key	✓
Number of QPI links	2	Intel TSX-NI	✓
Memory bandwidth supported by processor (max)	59.7 GB/s	Intel® OS Guard	✓
Processor codename	Broadwell	Intel 64	✓
Processor code	SR2P0	Intel Virtualization Technology (VT-x)	✓
Processor ARK ID	92993	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory		Conflict-Free processor	✓
Maximum internal memory supported by processor	1.54 TB		
Memory types supported by processor	DDR4-SDRAM		
Memory clock speeds supported by processor	1600,1866 MHz		

Memory		Processor special features	
Memory channels *	Quad-channel	Intel® vPro™ Platform Eligibility	✓
ECC	✓	Operational conditions	
Graphics		Tcase	73 °C
On-board graphics card *	✗	Technical details	
Features		Processor cache	15360 KB
Execute Disable Bit	✓	Product type	4
Idle States	✓	Weight & dimensions	
Thermal Monitoring Technologies	✓	Processor package size	52.5 x 51 mm
Market segment	Server		
Maximum number of PCI Express lanes	40		
PCI Express slots version	3.0		

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