



Lenovo Intel Xeon E5-2690 v4 processor 2,6 GHz 35 MB Smart Cache

Merk : Lenovo

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Productnaam : Intel Xeon E5-2690 v4

Intel Xeon E5-2690 v4, 35M Cache, 2.6 GHz, 9.6 GT/s QPI, Factory Integrated
Lenovo Intel Xeon E5-2690 v4. Processorfamilie: Intel® Xeon® E5 v4, Processor socket: LGA 2011-v3, Processor lithografie: 14 nm. Geheugen kanaal: Vierkanaals, Maximaal intern geheugen ondersteund door processor: 1,54 TB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Ondersteunde instructie sets: AVX 2.0, Schaalbaarheid: 2S

Processor		Kenmerken	
Processormodel *	E5-2690V4	Maximaal aantal PCI Express-lijnen	40
Basisfrequentie processor *	2,6 GHz	PCI Express slots versie	3.0
Processorfamilie *	Intel® Xeon® E5 v4	Ondersteunde instructie sets	AVX 2.0
Aantal processorkernen *	14	Schaalbaarheid	2S
Processor socket *	LGA 2011-v3	Physical Address Extension (PAE)	✓
Component voor	Server/werkplaats	CPU configuratie (max)	2
Processor lithografie *	14 nm	Ingebouwde opties beschikbaar	✗
Processorserie	Intel Xeon E5-2600 v4	Physical Address Extension (PAE)	46 Bit
Processor aantal threads	28	Processor speciale functies	
Systeembus	9,6 GT/s	Intel Hyper-Threading Technology	✓
Processor operating modes *	64-bit	Intel Identity Protection Technology	✗
Maximale turbofrequentie van processor	3,5 GHz	Intel® Turbo Boost Technology	2.0
Processor cache	35 MB	Intel Flex Memory Access	✗
Type processorgeheugen	Smart Cache	Intel AES New Instructions	✓
Thermal Design Power (TDP)	135 W	Enhanced Intel SpeedStep Technology	✓
Stepping	M0	Intel Trusted Execution Technology	✓
Bus type	QPI	Intel VT-x with Extended Page Tables (EPT)	✓
aantal QPI links	2	Intel Demand Based Switching	✓
Geheugenbandbreedte ondersteund door de processor (max)	76,8 GB/s	Intel Secure Key	✓
Geheugen		Intel TSX-NI	✓
Maximaal intern geheugen ondersteund door processor	1,54 TB	OS Guard	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM	Intel® 64	✓
Klokgeheugen-snelheden ondersteund door processor	1600,1866,2133,2400 MHz	Intel® Virtualization Technology (VT-x)	✓
Geheugen kanaal *	Vierkanaals	Intel Virtualization Technology for Directed I/O (VT-d)	✓
ECC	✓	Conflictvrije processor	✓
Grafisch		Intel® vPro™ Platform Eligibility	✓
Ingebouwde grafische adapter *	✗	Eisen aan de omgeving	
Kenmerken		Tcase	89 °C
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Marktsegment	Server		

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