

## Lenovo Intel Xeon Silver 4214 processor 2,2 GHz 17 MB L3

**Merk :** Lenovo

**Artikelcode:** 4XG7A37929

**Productnaam :** Intel Xeon Silver 4214



Lenovo Intel Xeon Silver 4214. Processorfamilie: Intel® Xeon® Silver, Processor socket: LGA 3647 (Socket P), Processor lithografie: 14 nm. Geheugen kanaal: Zeskanaals, Maximaal intern geheugen ondersteund door processor: 1 TB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Ondersteunde instructie sets: AVX-512, Schaalbaarheid: 25. Compatibiliteit: ThinkSystem SR550/SR590/SR650



Processor		Kenmerken	
Processorgeneratie	2e generatie Intel® Xeon® schaalbaar	Intel® Optane™-geheugenmodule inbegrepen	✓
Processormodel *	4214	<b>Processor speciale functies</b>	
Basisfrequentie processor *	2,2 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processorfamilie *	Intel® Xeon® Silver	Intel® Turbo Boost Technology	2.0
Aantal processorkernen *	12	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket *	LGA 3647 (Socket P)	Enhanced Intel SpeedStep Technology	✓
Component voor	Server/werkplaats	Intel® Trusted Execution Technology	✓
Processor lithografie *	14 nm	Intel® Speed Shift-technologie	✓
Processorserie	Intel Xeon Silver 4000 Series	Intel® VT-x with Extended Page Tables (EPT)	✓
Processor aantal threads	24	Intel® TSX-NI	✓
Processor operating modes *	64-bit	Intel® 64	✓
Maximale turbofrequentie van processor	3,2 GHz	Intel® Virtualization Technology (VT-x)	✓
Processor cache	17 MB	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache type	L3	Intel® Turbo Boost Max Technology 3.0	✗
Thermal Design Power (TDP)	85 W	AVX-512 Fused Multiply-Add (FMA) eenheden	1
Inclusief koeler *	✗	Intel® vPro™ Platform Eligibility	✓
Stepping	L1	<b>Eisen aan de omgeving</b>	
Bus type	UPI	Tcase	77 °C
Codenaam processor	Gladden	<b>Logistieke gegevens</b>	
<b>Geheugen</b>		Code geharmoniseerd systeem (HS) 85423119	
Maximaal intern geheugen ondersteund door processor	1 TB	<b>Technische details</b>	
Geheugentypen ondersteund door processor	DDR4-SDRAM	Intel® Run Sure Technology versie	✓
Klokgeheugen-snelheden ondersteund door processor	2400 MHz	Intel® Volume Management Device (VMD) versie	✓
Geheugen kanaal *	Zeskanaals	Mode-based Execute Control (MBE) versie	✓
ECC	✓	Aantal UPI-koppelingen	2
<b>Grafisch</b>		<b>Overige specificaties</b>	
Ingebouwde grafische adapter *	✗	Compatibiliteit	ThinkSystem SR550/SR590/SR650
Aparte grafische adapter *	✗		
<b>Kenmerken</b>			
Execute Disable Bit	✓		
Marktsegment	Server		
Maximaal aantal PCI Express-lijnen	48		
PCI Express slots versie	3.0		
Ondersteunde instructie sets	AVX-512		
Schaalbaarheid	25		
Ingebouwde opties beschikbaar	✓		



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