

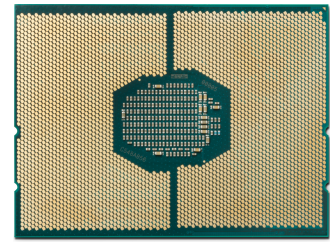


HP Intel Xeon Silver 4215R processor 3,2 GHz 11 MB

Merk : HP

Artikelcode: 9VA82AA

Productnaam : Intel Xeon Silver 4215R



HP Intel Xeon Silver 4215R. 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, AVX 2.0, AVX-512, SSE4.2, Schaalbaarheid: 25



Processor		Kenmerken	
Processorgeneratie	2e generatie Intel® Xeon® schaalbaar	Ingebouwde opties beschikbaar	✓
Processormodel *	4215R	HP-segment	Bedrijf
Basisfrequentie processor *	3,2 GHz	Processor speciale functies	
Processorfamilie *	Intel® Xeon® Silver	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Aantal processorkernen *	8	Intel® Turbo Boost Technology	2.0
Processor socket *	LGA 3647 (Socket P)	Intel® AES New Instructions (Intel® AES-NI)	✓
Component voor	Server/werkplaats	Enhanced Intel SpeedStep Technology	✓
Processor lithografie *	14 nm	Intel® Trusted Execution Technology	✓
Processor aantal threads	16	Intel® Speed Shift-technologie	✓
Processor operating modes *	64-bit	Intel® VT-x with Extended Page Tables (EPT)	✓
Maximale turbofrequentie van processor	4 GHz	Intel® 64	✓
Processor cache	11 MB	Intel® Virtualization Technology (VT-x)	✓
Thermal Design Power (TDP)	130 W	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Inclusief koeler *	✗	Intel® Turbo Boost Max Technology 3.0	✗
Bus type	UPI	AVX-512 Fused Multiply-Add (FMA) eenheden	1
Codenaam processor	Cascade Lake	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Geheugen		Intel® Speed Select-technologie - Prestatieprofiel (Intel® SST-PP)	✗
Maximaal intern geheugen ondersteund door processor	1 TB	Intel® Volume Management Device (VMD)	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM	Intel® Optane™ DC Persistent Memory ondersteunt	✓
Klokgeheugen-snelheden ondersteund door processor	2400 MHz	Intel® vPro™ Platform Eligibility	✓
Geheugen kanaal *	Zeskanaals	Intel® Speed Select-technologie - Basisfrequentie (Intel® SST-BF)	✗
ECC	✓	Eisen aan de omgeving	
Grafisch		Tcase	79 °C
Ingebouwde grafische adapter *	✗	Logistieke gegevens	
Aparte grafische adapter *	✗	Code geharmoniseerd systeem (HS) 85423119	
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
Kenmerken			
Execute Disable Bit	✓		
Marktsegment	Server		
Maximaal aantal PCI Express-lijnen	48		
PCI Express slots versie	3.0		
Ondersteunde instructie sets	AVX, AVX 2.0, AVX-512, SSE4.2		
Schaalbaarheid	25		



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