

Intel Xeon 4208 processor 2,1 GHz 11 MB

Merk : Intel

Productfamilie: Xeon

 Artikelcode:
CD8069503956401

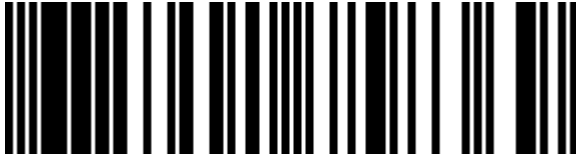
Productnaam : 4208

Intel Xeon 4208. Processorfamilie: Intel® Xeon® Silver, Processor socket: LGA 3647 (Socket P), Processor lithografie: 14 nm. Geheugen kanaal: Zeskanaals, Maximaal intern geheugen ondersteund door processor: 1,02 TB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Ondersteunde instructie sets: SSE4.2, AVX, AVX 2.0, AVX-512, Schaalbaarheid: 2S. Breedte verpakking: 43 mm, Diepte verpakking: 137 mm, Hoogte verpakking: 112 mm. Verpakkingsgrootte processor: 76mm x 56.5mm



Processor		Processor speciale functies	
Processorfabrikant *	Intel	Intel® Trusted Execution Technology	✓
Processorgeneratie	2e generatie Intel® Xeon® schaalbaar	Intel® Speed Shift-technologie	✓
Processormodel *	4208	Intel® Transactional Synchronization Extensions	✓
Basisfrequentie processor *	2,1 GHz	Intel® VT-x with Extended Page Tables (EPT)	✓
Processorfamilie *	Intel® Xeon® Silver	Intel® TSX-NI	✓
Aantal processorkernen *	8	Intel® 64	✓
Processor socket *	LGA 3647 (Socket P)	Intel® Virtualization Technology (VT-x)	✓
Component voor	Server/werkplaats	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Processor lithografie *	14 nm	Intel® Turbo Boost Max Technology 3.0	✗
Processor aantal threads	16	AVX-512 Fused Multiply-Add (FMA) eenheden	1
Processor operating modes *	64-bit	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Maximale turbofrequentie van processor	3,2 GHz	Intel® Speed Select-technologie - Prestatieprofiel (Intel® SST-PP)	✗
Processor cache	11 MB	Intel® Resource Director-technologie (Intel® RDT)	✓
Thermal Design Power (TDP)	85 W	Intel® Volume Management Device (VMD)	✓
Box *	✗	Intel® Run Sure-technologie Mode-based Execute Control (MBE)	✓
Inclusief koeler *	✗	Intel® Optane™ DC Persistent Memory ondersteunt	✗
Codenaam processor	Cascade Lake	Intel® vPro™ Platform Eligibility	✓
ARK ID processor	193390	Intel Speed Select-technologie (SST)	✗
Geheugen		Intel® Speed Select-technologie - Basisfrequentie (Intel® SST-BF)	✗
Maximaal intern geheugen ondersteund door processor	1,02 TB	Intel® Optane™ DC Persistent Memory-technologie	✗
Geheugentypen ondersteund door processor	DDR4-SDRAM	Eisen aan de omgeving	
Klokgeheugen-snelheden ondersteund door processor	2400 MHz	Tcase	78 °C
Geheugen kanaal *	Zeskanaals	Technische details	
ECC	✓	Lanceringsdatum	Q2'19
Grafisch		Type product	Processor
Ingebouwde grafische adapter *	✗	Status	Launched
Aparte grafische adapter *	✗	Ondersteunde geheugen types	DDR4-SDRAM
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	SSE4.2, AVX, AVX 2.0, AVX-512		

Kenmerken		Technische details	
Schaalbaarheid	25	Geheugensnelheid (max)	2400 MHz
Ingebouwde opties beschikbaar	✗	Aantal UPI-koppelingen	2
PCI Express CEM revisie	3.0	Onderhoudsstatus	Baseline Servicing
Export Control Classification Number (ECCN)	5A992C	Logistieke gegevens	
Commodity Classification Automated Tracking System (CCATS)	G077159	Code geharmoniseerd systeem (HS) 85423119	
Processor speciale functies		Verpakking	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Breedte verpakking	43 mm
Intel® Turbo Boost Technology	2.0	Diepte verpakking	137 mm
Intel® AES New Instructions (Intel® AES-NI)	✓	Hoogte verpakking	112 mm
Enhanced Intel SpeedStep Technology	✓	Gewicht verpakking	201 g
		Type verpakking	Retaildoos
		Gewicht en omvang	
		Verpakkingsgrootte processor	76mm x 56.5mm
		Overige specificaties	
		Maximum intern geheugen	1 TB



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