

Intel Xeon Gold 5317 processor 3 GHz 18 MB

Merk : Intel

Productfamilie: Xeon

 Artikelcode:
CD8068904657302

Productnaam : Gold 5317

Intel Xeon Gold 5317. Processorfamilie: Intel® Xeon® Gold, Processor socket: LGA 4189, Processor lithografie: 10 nm. Geheugen kanaal: Achtkanaals, Maximaal intern geheugen ondersteund door processor: 6 TB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Ondersteunde instructie sets: SSE4.2, AVX, AVX 2.0, AVX-512, Schaalbaarheid: 2S. Ondersteuning voor maximale enclavegrootte voor Intel® SGX: 64 GB. Verpakkingsgrootte processor: 77.5 x 56.5 mm



Processor		Processor speciale functies	
Processorfabrikant *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processorgeneratie	3e generatie Intel® Xeon® schaalbaar	Intel® Turbo Boost Technology	2.0
Processormodel *	5317	Intel® AES New Instructions (Intel® AES-NI)	✓
Basisfrequentie processor *	3 GHz	Intel® Trusted Execution Technology	✓
Processorfamilie *	Intel® Xeon® Gold	Intel® Speed Shift-technologie	✓
Aantal processorkernen *	12	Intel® Transactional Synchronization Extensions	✓
Processor socket *	LGA 4189	Intel® Total Memory Encryption	✓
Component voor	Server/werkplaats	Intel® Crypto Acceleration	✓
Processor lithografie *	10 nm	Ondersteuning voor Intel® Platform Firmware Resilience	✓
Processorserie	Intel Xeon Gold 5000 Series	Ondersteuning voor maximale enclavegrootte voor Intel® SGX	64 GB
Processor aantal threads	24	Intel® VT-x with Extended Page Tables (EPT)	✓
Systeembus	11,2 GT/s	Intel® Software Guard Extensions (Intel® SGX)	✓
Processor operating modes *	64-bit	Intel® 64	✓
Maximale turbofrequentie van processor	3,6 GHz	Intel® Virtualization Technology (VT-x)	✓
Kernen met hoge prioriteit	4	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Kernfrequentie met hoge prioriteit	3,2 GHz	AVX-512 Fused Multiply-Add (FMA) eenheden	2
Kernen met lage prioriteit	8	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Kernfrequentie met lage prioriteit	2,8 GHz	Intel® Resource Director-technologie (Intel® RDT)	✓
Processor cache	18 MB	Intel® Volume Management Device (VMD)	✓
Thermal Design Power (TDP)	150 W	Intel® Run Sure-technologie	✓
Box *	✗	Mode-based Execute Control (MBE)	✓
Inclusief koeler *	✗	Intel® Optane™ DC Persistent Memory ondersteunt	✓
Codenaam processor	Ice Lake		
ARK ID processor	215272		
Geheugen		Eisen aan de omgeving	
Maximaal intern geheugen ondersteund door processor	6 TB	Tcase	84 °C
Geheugentypen ondersteund door processor	DDR4-SDRAM	Technische details	
Geheugen kanaal *	Achtkanaals	Doelgroep	Cloud Computing
ECC	✓	Lanceringsdatum	Q2'21
Grafisch		Status	Launched
Ingebouwde grafische adapter *	✗		
Aparte grafische adapter *	✗		
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		

Kenmerken		Technische details	
Execute Disable Bit	✓	Ondersteunde geheugen types	DDR4-SDRAM
Marktsegment	Server	Geheugensnelheid (max)	2933 MHz
Maximaal aantal PCI Express-lijnen	64	Aantal UPI-koppelingen	3
PCI Express slots versie	4.0	Onderhoudsstatus	Baseline Servicing
Ondersteunde instructie sets	SSE4.2, AVX, AVX 2.0, AVX-512	Logistieke gegevens	
Schaalbaarheid	2S	Code geharmoniseerd systeem (HS)	
Ingebouwde opties beschikbaar	✓	85423119	
Export Control Classification Number (ECCN)	5A992CN3	Gewicht en omvang	
Commodity Classification Automated Tracking System (CCATS)	G178966	Verpakkingsgrootte processor	77.5 x 56.5 mm
		Overige specificaties	
		Maximum intern geheugen	6 TB



8592978319984



0675901957120



675901957120



5054444460772

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.