

Fujitsu Xeon Intel Gold 5317 processor 3 GHz 18 MB

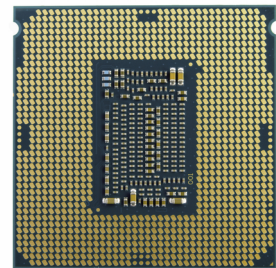
Merk : Fujitsu

Productfamilie: Xeon

Artikelcode: PY-CP62XM

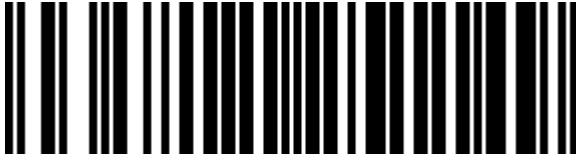
Productnaam : Intel Xeon Gold 5317

Fujitsu Xeon Intel 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. Maximum intern geheugen: 6 TB



Processor		Processor speciale functies	
Processorfabrikant *	Intel	Intel® AES New Instructions (Intel® AES-NI)	✓
Processorgeneratie	3e generatie Intel® Xeon® schaalbaar	Intel® Trusted Execution Technology	✓
Processormodel *	5317	Intel® Speed Shift-technologie	✓
Basisfrequentie processor *	3 GHz	Intel® Transactional Synchronization Extensions	✓
Processorfamilie *	Intel® Xeon® Gold	Intel® Total Memory Encryption	✓
Aantal processorkernen *	12	Intel® Crypto Acceleration	✓
Processor socket *	LGA 4189	Ondersteuning voor Intel® Platform Firmware Resilience	✓
Component voor	Server/werkplaats	Ondersteuning voor maximale enclavegrootte voor Intel® SGX	64 GB
Processor lithografie *	10 nm	Intel® VT-x with Extended Page Tables (EPT)	✓
Processorserie	Intel Xeon Gold 5000 Series	Intel® Software Guard Extensions (Intel® SGX)	✓
Processor aantal threads	24	Intel® 64	✓
Systeembus	11,2 GT/s	Intel® Virtualization Technology (VT-x)	✓
Processor operating modes *	64-bit	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Maximale turbofrequentie van processor	3,6 GHz	AVX-512 Fused Multiply-Add (FMA) eenheden	2
Processor cache	18 MB	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Thermal Design Power (TDP)	150 W	Intel® Resource Director-technologie (Intel® RDT)	✓
Codenaam processor	Ice Lake	Intel® Volume Management Device (VMD)	✓
Geheugen		Intel® Run Sure-technologie	✓
Maximaal intern geheugen ondersteund door processor	6 TB	Mode-based Execute Control (MBE)	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM		
Geheugen kanaal *	Achtkanaals		
ECC	✓		
Grafisch			
Ingebouwde grafische adapter *	✗		
Aparte grafische adapter *	✗		

Grafisch		Processor speciale functies	
On-board graphics adapter model *	Niet beschikbaar	Intel® Optane™ DC Persistent Memory ondersteunt	✓
Discreet grafische adapter model *	Niet beschikbaar		
Kenmerken		Eisen aan de omgeving	
Execute Disable Bit	✓	Tcase	84 °C
Marktsegment	Server	Technische details	
Maximaal aantal PCI Express-lijnen	64	Doelgroep	Cloud Computing
PCI Express slots versie	4.0	Lanceringsdatum	Q2'21
Ondersteunde instructie sets	SSE4.2, AVX, AVX 2.0, AVX-512	Status	Launched
Schaalbaarheid	2S	Ondersteunde geheugen types	DDR4-SDRAM
Ingebouwde opties beschikbaar	✓	Geheugensnelheid (max)	2933 MHz
Processor speciale functies		Aantal UPI-koppelingen	3
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Overige specificaties	
Intel® Turbo Boost Technology	2.0	Maximum intern geheugen	6 TB



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