

Intel Xeon Gold 6326 processor 2,9 GHz 24 MB

Merk : Intel

Productfamilie: Xeon

 Artikelcode:
CD8068904657502

Productnaam : Gold 6326

Intel Xeon Gold 6326. Processorfamilie: Intel® Xeon® Gold, Processor socket: LGA 4189, Processor lithografie: 10 nm. Geheugen kanaal: Achtkanaals, 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® Turbo Boost Technology	2.0
Processorgeneratie	3e generatie Intel® Xeon® schaalbaar	Intel® AES New Instructions (Intel® AES-NI)	✓
Processormodel *	6326	Intel® Trusted Execution Technology	✓
Basisfrequentie processor *	2,9 GHz	Intel® Speed Shift-technologie	✓
Processorfamilie *	Intel® Xeon® Gold	Intel® Transactional Synchronization Extensions	✓
Aantal processorkernen *	16	Intel® Total Memory Encryption	✓
Processor socket *	LGA 4189	Intel® Crypto Acceleration	✓
Component voor	Server/werkplaats	Ondersteuning voor Intel® Platform Firmware Resilience	✓
Processor lithografie *	10 nm	Ondersteuning voor maximale enclavegrootte voor Intel® SGX	64 GB
Processorserie	Intel Xeon Gold 6000 Series	Intel® VT-x with Extended Page Tables (EPT)	✓
Processor aantal threads	32	Intel® Software Guard Extensions (Intel® SGX)	✓
Systeembus	11,2 GT/s	Intel® 64	✓
Processor operating modes *	64-bit	Intel® Virtualization Technology (VT-x)	✓
Maximale turbofrequentie van processor	3,5 GHz	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Kernen met hoge prioriteit	4	AVX-512 Fused Multiply-Add (FMA) eenheden	2
Kernfrequentie met hoge prioriteit	3 GHz	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Kernen met lage prioriteit	12	Intel® Resource Director-technologie (Intel® RDT)	✓
Kernfrequentie met lage prioriteit	2,6 GHz	Intel® Volume Management Device (VMD)	✓
Processor cache	24 MB	Intel® Run Sure-technologie	✓
Thermal Design Power (TDP)	185 W	Mode-based Execute Control (MBE)	✓
Box *	✗	Intel® Optane™ DC Persistent Memory ondersteunt	✓
Inclusief koeler *	✗	Eisen aan de omgeving	
Codenaam processor	Ice Lake	Tcase	78 °C
ARK ID processor	215274	Technische details	
Geheugen		Doelgroep	Cloud Computing
Geheugentypen ondersteund door processor	DDR4-SDRAM	Lanceringsdatum	Q2'21
Geheugen kanaal *	Achtkanaals	Status	Launched
ECC	✓	Ondersteunde geheugen types	DDR4-SDRAM
Grafisch			
Ingebouwde grafische adapter *	✗		
Aparte grafische adapter *	✗		
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
Kenmerken			
Execute Disable Bit	✓		
Marktsegment	Server		

Kenmerken		Technische details	
Maximaal aantal PCI Express-lijnen	64	Geheugensnelheid (max)	3200 MHz
PCI Express slots versie	4.0	Aantal UPI-koppelingen	3
Ondersteunde instructie sets	SSE4.2, AVX, AVX 2.0, AVX-512	Onderhoudsstatus	Baseline Servicing
Schaalbaarheid	25	Logistieke gegevens	
Ingebouwde opties beschikbaar	✓	Code geharmoniseerd systeem (HS) 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
Processor speciale functies		Overige specificaties	
Intel® Hyper Threading Technology (Intel® HT Technology)		Maximum intern geheugen	6 TB



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