

## Intel Xeon 6244 processor 3,6 GHz 24,75 MB

Merk : Intel

Productfamilie: Xeon

 Artikelcode:  
CD8069504194202

Productnaam : 6244



Intel Xeon 6244. Processorfamilie: Intel® Xeon® Gold, Processor socket: FCLGA3647, Processor lithografie: 14 nm. Geheugen kanaal: Zeskanaals, Maximaal intern geheugen ondersteund door processor: 1024 GB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Ondersteunde instructie sets: SSE4.2, AVX, AVX 2.0, AVX-512, Schaalbaarheid: 4S. Verpakkingsgrootte processor: 76mm x 56.5mm. Maximum intern geheugen: 1000 GB



Processor		Processor speciale functies	
Processorfabrikant *	Intel	Enhanced Intel SpeedStep Technology	✓
Processorgeneratie	2e generatie Intel® Xeon® schaalbaar	Intel® Trusted Execution Technology	✓
Processormodel *	6244	Intel® Speed Shift-technologie	✓
Basisfrequentie processor *	3,6 GHz	Intel® Transactional Synchronization Extensions	✓
Processorfamilie *	Intel® Xeon® Gold	Intel® VT-x with Extended Page Tables (EPT)	✓
Aantal processorkernen *	8	Intel® TSX-NI	✓
Processor socket *	FCLGA3647	Intel® 64	✓
Component voor	Server/werkplaats	Intel® Virtualization Technology (VT-x)	✓
Processor lithografie *	14 nm	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Processor aantal threads	16	Intel® Turbo Boost Max Technology 3.0	✗
Processor operating modes *	64-bit	AVX-512 Fused Multiply-Add (FMA) eenheden	2
Maximale turbofrequentie van processor	4,4 GHz	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Processor cache	24,75 MB	Intel® Speed Select-technologie - Prestatieprofiel (Intel® SST-PP)	✗
Thermal Design Power (TDP)	150 W	Intel® Resource Director-technologie (Intel® RDT)	✓
Box *	✗	Intel® Volume Management Device (VMD)	✓
Inclusief koeler *	✗	Intel® Run Sure-technologie	✓
Codenaam processor	Cascade Lake	Mode-based Execute Control (MBE)	✓
ARK ID processor	192442	Intel® Optane™ DC Persistent Memory ondersteunt	✓
<b>Geheugen</b>		Intel® vPro™ Platform Eligibility	✓
Maximaal intern geheugen ondersteund door processor	1024 GB	Intel Speed Select-technologie (SST)	✗
Geheugentypen ondersteund door processor	DDR4-SDRAM	Intel® Speed Select-technologie - Basisfrequentie (Intel® SST-BF)	✗
Klokgeheugen-snelheden ondersteund door processor	2933 MHz	Intel® Optane™ DC Persistent Memory-technologie	✓
Geheugen kanaal *	Zeskanaals	<b>Eisen aan de omgeving</b>	
ECC	✓	Tcase	74 °C
<b>Grafisch</b>		<b>Technische details</b>	
Ingebouwde grafische adapter *	✗	Lanceringsdatum	Q2'19
Aparte grafische adapter *	✗	Type product	Processor
On-board graphics adapter model *	Niet beschikbaar	Status	Launched
Discreet grafische adapter model *	Niet beschikbaar	Ondersteunde geheugen types	DDR4-SDRAM
<b>Kenmerken</b>		Geheugensnelheid (max)	2933 MHz
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		
Schaalbaarheid	4S		
Ingebouwde opties beschikbaar	✗		

Kenmerken		Technische details	
PCI Express CEM revisie	3.0	Aantal UPI-koppelingen	3
Export Control Classification Number (ECCN)	5A992C	Onderhoudsstatus	Baseline Servicing
Commodity Classification Automated Tracking System (CCATS)	G077159	Logistieke gegevens	
<b>Processor speciale functies</b>		Code geharmoniseerd systeem (HS)	85423119
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Gewicht en omvang	
Intel® Turbo Boost Technology	2.0	Verpakkingsgrootte processor	76mm x 56.5mm
Intel® AES New Instructions (Intel® AES-NI)	✓	Overige specificaties	
		Maximum intern geheugen	1000 GB



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