

Intel Xeon W-2223 processor 3,6 GHz 8,25 MB

Merk : Intel

Productfamilie: Xeon

 Artikelcode:
CD8069504394701

Productnaam : W-2223

Intel Xeon W-2223. Processorfamilie: Intel® Xeon® W, Processor socket: LGA 2066 (Socket R4), Processor lithografie: 14 nm. Geheugen kanaal: Vierkanaals, Maximaal intern geheugen ondersteund door processor: 1,02 TB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Workstation, Ondersteunde instructie sets: SSE4.2, AVX, AVX 2.0, AVX-512, Schaalbaarheid: 1S. Breedte verpakking: 44 mm, Diepte verpakking: 116 mm, Hoogte verpakking: 101 mm. Verpakkingsgrootte processor: 45mm x 52,5mm

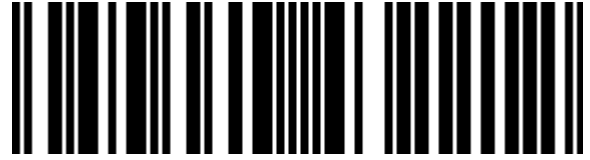


Processor		Processor speciale functies	
Processorfabrikant *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processormodel *	W-2223	Intel® Identity Protection Technology (Intel® IPT)	✓
Basisfrequentie processor *	3,6 GHz	Intel® Turbo Boost Technology	2.0
Processorfamilie *	Intel® Xeon® W	Intel® AES New Instructions (Intel® AES-NI)	✓
Aantal processorkernen *	4	Enhanced Intel SpeedStep Technology	✓
Processor socket *	LGA 2066 (Socket R4)	Intel® Trusted Execution Technology	✓
Component voor	Server/werkplaats	Intel® Memory Protection Extensions (Intel® MPX)	✓
Processor lithografie *	14 nm	Intel® Speed Shift-technologie	✓
Processor aantal threads	8	Intel® Transactional Synchronization Extensions	✓
Systeembus	8 GT/s	Intel® VT-x with Extended Page Tables (EPT)	✓
Processor operating modes *	64-bit	Intel® Demand Based Switching	✓
Maximale turbofrequentie van processor	3,9 GHz	Intel® Secure Key	✓
Processor cache	8,25 MB	Intel® TSX-NI	✓
Thermal Design Power (TDP)	120 W	Intel® OS Guard	✓
Box *	✗	Intel® Software Guard Extensions (Intel® SGX)	✗
Inclusief koeler *	✗	Intel® 64	✓
Geheugenbandbreedte ondersteund door de processor (max)	85,3 GB/s	Intel® Virtualization Technology (VT-x)	✓
Codenaam processor	Cascade Lake	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
ARK ID processor	198018	Intel® Turbo Boost Max Technology 3.0	✗
Geheugen		Intel® Optane™ Memory Ready	✗
Maximaal intern geheugen ondersteund door processor	1,02 TB	AVX-512 Fused Multiply-Add (FMA) eenheden	2
Geheugentypen ondersteund door processor	DDR4-SDRAM	Intel® Boot Guard	✓
Klokgeheugen-snelheden ondersteund door processor	2666 MHz	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Geheugen kanaal *	Vierkanaals	Intel® Volume Management Device (VMD)	✓
ECC	✓	Intel® vPro™ Platform Eligibility	✓
Grafisch		Eisen aan de omgeving	
Ingebouwde grafische adapter *	✗	Tcase	64 °C
Aparte grafische adapter *	✗		
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
Kenmerken			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Marktsegment	Workstation		

Kenmerken		Technische details	
Maximaal aantal PCI Express-lijnen	48	Lanceringsdatum	Q4'19
PCI Express slots versie	3.0	Type product	Processor
Ondersteunde instructie sets	SSE4.2, AVX, AVX 2.0, AVX-512	Status	Launched
Schaalbaarheid	1S	Ondersteunde geheugen types	DDR4-SDRAM
Physical Address Extension (PAE)	✓	Bussnelheid	8 GT/s
CPU configuratie (max)	1	Logistieke gegevens	
Ingebouwde opties beschikbaar	✗	Code geharmoniseerd systeem (HS)	85423119
Physical Address Extension (PAE)	46 Bit	Verpakking	
PCI Express CEM revisie	3.0	Breedte verpakking	44 mm
Export Control Classification Number (ECCN)	5A992C	Diepte verpakking	116 mm
Commodity Classification Automated Tracking System (CCATS)	G077159	Hoogte verpakking	101 mm
		Type verpakking	Retaildoos
		Gewicht en omvang	
		Verpakkingsgrootte processor	45mm x 52.5mm
		Overige specificaties	
		Maximum intern geheugen	1 TB



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