

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

**Merk :** Intel

**Productfamilie:** Xeon

**Artikelcode:** BX80695W2223

**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. Type verpakking: Retaildoos. 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	✗
<b>Geheugen</b>		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	✓
<b>Grafisch</b>		<b>Eisen aan de omgeving</b>	
Ingebouwde grafische adapter *	✗	Tcase	64 °C
Aparte grafische adapter *	✗		
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
<b>Kenmerken</b>			
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	<b>Logistieke gegevens</b>	
Ingebouwde opties beschikbaar	✗	Code geharmoniseerd systeem (HS)	85423119
Physical Address Extension (PAE)	46 Bit	<b>Verpakking</b>	
PCI Express CEM revisie	3.0	Type verpakking	Retaildoos
Export Control Classification Number (ECCN)	5A992C	<b>Gewicht en omvang</b>	
Commodity Classification Automated Tracking System (CCATS)	G077159	Verpakkingsgrootte processor	45mm x 52.5mm
		<b>Overige specificaties</b>	
		Maximum intern geheugen	1 TB



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