

Intel Xeon W-3235 processor 3,3 GHz 19,25 MB

Merk : Intel

Productfamilie: Xeon

 Artikelcode:
CD8069504152802

Productnaam : W-3235

Intel Xeon W-3235. Processorfamilie: Intel® Xeon® W, Processor socket: LGA 3647 (Socket P), Processor lithografie: 14 nm. Geheugen kanaal: Zeskanaals, Maximaal intern geheugen ondersteund door processor: 1,02 TB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Ondersteunde instructie sets: AVX-512, Schaalbaarheid: 1S. Intel® Turbo Boost Max Technology 3.0 frequency: 4,5 GHz. Verpakkingsgrootte processor: 76mm x 56.5mm



Processor		Processor speciale functies	
Processorfabrikant *	Intel	Intel® Trusted Execution Technology	✓
Processormodel *	W-3235	Intel® Speed Shift-technologie	✓
Basisfrequentie processor *	3,3 GHz	Intel® Turbo Boost Max Technology 3.0 frequency	4,5 GHz
Processorfamilie *	Intel® Xeon® W	Intel® Transactional Synchronization Extensions	✓
Aantal processorkernen *	12	Intel® VT-x with Extended Page Tables (EPT)	✓
Processor socket *	LGA 3647 (Socket P)	Intel® TSX-NI	✓
Component voor	Server/werkplaats	Intel® 64	✓
Processor lithografie *	14 nm	Intel® Virtualization Technology (VT-x)	✓
Processor aantal threads	24	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Systeembus	8 GT/s	Intel® Turbo Boost Max Technology 3.0	✓
Maximale turbofrequentie van processor	4,4 GHz	AVX-512 Fused Multiply-Add (FMA) eenheden	2
Processor cache	19,25 MB	Intel® Boot Guard	✓
Thermal Design Power (TDP)	180 W	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Box *	✗	Intel® Speed Select-technologie - Prestatieprofiel (Intel® SST-PP)	✗
Inclusief koeler *	✗	Intel® Resource Director-technologie (Intel® RDT)	✗
Codenaam processor	Cascade Lake	Intel® Volume Management Device (VMD)	✓
ARK ID processor	193749	Intel® Run Sure-technologie	✓
Geheugen		Mode-based Execute Control (MBE)	✓
Maximaal intern geheugen ondersteund door processor	1,02 TB	Intel® Optane™ DC Persistent Memory ondersteunt	✗
Geheugentypen ondersteund door processor	DDR4-SDRAM	Intel® vPro™ Platform Eligibility	✓
Klokgeheugen-snelheden ondersteund door processor	2933 MHz	Intel Speed Select-technologie (SST)	✗
Geheugen kanaal *	Zeskanaals	Intel® Speed Select-technologie - Basisfrequentie (Intel® SST-BF)	✗
ECC	✓	Intel® Optane™ DC Persistent Memory-technologie	✗
Grafisch		Eisen aan de omgeving	
Ingebouwde grafische adapter *	✗	Tcase	72 °C
Aparte grafische adapter *	✗	Technische details	
On-board graphics adapter model *	Niet beschikbaar	Lanceringsdatum	Q2'19
Discreet grafische adapter model *	Niet beschikbaar	Type product	Processor
Kenmerken			
Execute Disable Bit	✓		
Marktsegment	Server		
Maximaal aantal PCI Express-lijnen	64		
PCI Express slots versie	3.0		
Ondersteunde instructie sets	AVX-512		
Schaalbaarheid	1S		

Kenmerken		Technische details	
Ingebouwde opties beschikbaar	✘	Status	Launched
PCI Express CEM revisie	3.0	Ondersteunde geheugen types	DDR4-SDRAM
Export Control Classification Number (ECCN)	5A992C	Geheugensnelheid (max)	2933 MHz
Commodity Classification Automated Tracking System (CCATS)	G077159	Bussnelheid	8 GT/s
Processor speciale functies		Logistieke gegevens	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Code geharmoniseerd systeem (HS)	85423119
Intel® Turbo Boost Technology	2.0	Gewicht en omvang	
Intel® AES New Instructions (Intel® AES-NI)	✓	Verpakkingsgrootte processor	76mm x 56.5mm
Enhanced Intel SpeedStep Technology	✓	Overige specificaties	
		Maximum intern geheugen	1 TB



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