

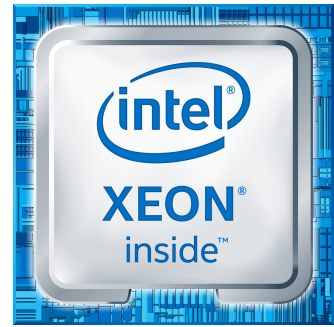
## Intel Xeon W-3235 Prozessor 3,3 GHz 19,25 MB

Marke : Intel

Produktfamilie: Xeon

Artikel-Code:  
CD8069504152802

Produktname : W-3235



Intel® Xeon® W-3235 Prozessor (19,25 MB Cache, 3,30 GHz)

Intel Xeon W-3235. Prozessorfamilie: Intel® Xeon® W, Prozessorsockel: LGA 3647 (Socket P), Prozessor Lithografie: 14 nm. Speicherkanäle: Hexa-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 1,02 TB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: AVX-512, Skalierbarkeit: 1S. Intel® Turbo Boost Max Technology 3.0 frequency: 4,5 GHz. Prozessor-Paketgröße: 76mm x 56.5mm



Prozessor		Prozessor Besonderheiten	
Prozessorhersteller *	Intel	Intel® Trusted-Execution-Technik	✓
Prozessor *	W-3235	Intel®-Speed-Shift-Technologie	✓
Grundfrequenz des Prozessors *	3,3 GHz	Intel® Turbo Boost Max Technology 3.0 frequency	4,5 GHz
Prozessorfamilie *	Intel® Xeon® W	Intel® Transactional Synchronization Extensions	✓
Anzahl Prozessorkerne *	12	Intel® VT-x mit Extended Page Tables (EPT)	✓
Prozessorsockel *	LGA 3647 (Socket P)	Intel® TSX-NI	✓
Komponente für	Server/Arbeitsstation	Intel® 64	✓
Prozessor Lithografie *	14 nm	Intel® Virtualization Technologie (VT-X)	✓
Prozessor-Threads	24	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Systembus-Rate	8 GT/s	Intel Turbo Boost Max Technology 3.0	✓
Prozessor Boost-Frequenz	4,4 GHz	AVX-512 Abgesicherte Multiply-Add (FMA) Einheiten	2
Prozessor-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 - Leistungsprofil (Intel® SST-PP)	✗
Kühler enthalten *	✗	Intel® Resource Director Technology (Intel® RDT)	✗
Prozessor Codename	Cascade Lake	Intel® Volume Management Device (VMD)	✓
ARK Prozessorerkennung	193749	Intel® Run Sure Technology	✓
<b>Speicher</b>		Modusbasierte Execute Control (MBE)	✓
Maximaler interner Speicher, vom Prozessor unterstützt	1,02 TB	Intel® Optane™ DC Persistent Memory unterstützt	✗
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM	Intel® vPro™ Platform Eligibility	✓
Speichertaktraten, vom Prozessor unterstützt	2933 MHz	Intel Speed Select Technology (SST)	✗
Speicherkanäle *	Hexa-Kanal	Intel® Speed Select Technology - Base Frequency (Intel® SST-BF)	✗
ECC	✓	Intel® Optane™ DC Persistent Memory-Technologie	✗
<b>Grafik</b>		<b>Betriebsbedingungen</b>	
Eingebaute Grafikkadpter *	✗	Tcase	72 °C
Separater Grafikkadpter *	✗	<b>Technische Details</b>	
Eingebautes Grafikkartenmodell *	Nicht verfügbar	Startdatum	Q2'19
Separates Grafikkartenmodell *	Nicht verfügbar	Produkttyp	Processor
<b>Merkmale</b>			
Execute Disable Bit	✓		
Marktsegment	Server		
Maximale Anzahl der PCI-Express-Lanes	64		
PCI-Express-Slots-Version	3.0		
Unterstützte Befehlssätze	AVX-512		
Skalierbarkeit	1S		
Eingebettete Optionen verfügbar	✗		

Merkmale		Technische Details	
PCI Express CEM Revision	3.0	Status	Launched
Exportkontroll-Klassifizierungsnummer (ECCN)	5A992C	Unterstützte Arbeitsspeicher	DDR4-SDRAM
Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS)	G077159	Speichergeschwindigkeit (max.)	2933 MHz
		Busgeschwindigkeit	8 GT/s
Prozessor Besonderheiten		Logistikdaten	
Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓	Warentarifnummer (HS)	85423119
Intel® Turbo-Boost-Technologie	2.0	Gewicht und Abmessungen	
Intel® AES New Instructions (Intel® AES-NI)	✓	Prozessor-Paketgröße	76mm x 56.5mm
Verbesserte Intel SpeedStep Technologie	✓	Sonstige Funktionen	
		RAM-Speicher maximal	1 TB



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