

Intel Xeon 4215R processor 3,2 GHz 11 MB

Merk : Intel

Productfamilie: Xeon

 Artikelcode:
CD8069504449200

Productnaam : 4215R

Intel Xeon 4215R. Processorfamilie: Intel® Xeon® Silver, 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: SSE4.2, AVX, AVX 2.0, AVX-512, Schaalbaarheid: 2S. Verpakkingsgrootte processor: 76mm x 56.5mm. Maximum intern geheugen: 1 TB



Processor		Processor speciale functies	
Processorfabrikant *	Intel	Enhanced Intel SpeedStep Technology	✓
Processorgeneratie	2e generatie Intel® Xeon® schaalbaar	Intel® Trusted Execution Technology	✓
Processormodel *	4215R	Intel® Speed Shift-technologie	✓
Basisfrequentie processor *	3,2 GHz	Intel® Transactional Synchronization Extensions	✓
Processorfamilie *	Intel® Xeon® Silver	Intel® VT-x with Extended Page Tables (EPT)	✓
Aantal processorkernen *	8	Intel® 64	✓
Processor socket *	LGA 3647 (Socket P)	Intel® Virtualization Technology (VT-x)	✓
Component voor	Server/werkplaats	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Processor lithografie *	14 nm	Intel® Turbo Boost Max Technology 3.0	✗
Processor aantal threads	16	AVX-512 Fused Multiply-Add (FMA) eenheden	1
Processor operating modes *	64-bit	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Maximale turbofrequentie van processor	4 GHz	Intel® Speed Select-technologie - Prestatieprofiel (Intel® SST-PP)	✗
Processor cache	11 MB	Intel® Resource Director-technologie (Intel® RDT)	✓
Thermal Design Power (TDP)	130 W	Intel® Volume Management Device (VMD)	✓
Box *	✗	Intel® Run Sure-technologie	✗
Inclusief koeler *	✗	Mode-based Execute Control (MBE)	✓
Codenaam processor	Cascade Lake	Intel® Optane™ DC Persistent Memory ondersteunt	✓
ARK ID processor	199349	Intel® vPro™ Platform Eligibility	✓
Geheugen		Intel Speed Select-technologie (SST)	✗
Maximaal intern geheugen ondersteund door processor	1,02 TB	Intel® Speed Select-technologie - Basisfrequentie (Intel® SST-BF)	✗
Geheugentypen ondersteund door processor	DDR4-SDRAM	Intel® Optane™ DC Persistent Memory-technologie	✓
Klokgeheugen-snelheden ondersteund door processor	2400 MHz	Eisen aan de omgeving	
Geheugen kanaal *	Zeskanaals	Tcase	79 °C
ECC	✓	Technische details	
Grafisch		Lanceringsdatum	Q1'20
Ingebouwde grafische adapter *	✗	Type product	Processor
Aparte grafische adapter *	✗	Status	Launched
On-board graphics adapter model *	Niet beschikbaar	Ondersteunde geheugen types	DDR4-SDRAM
Discreet grafische adapter model *	Niet beschikbaar		
Kenmerken			
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		

Kenmerken		Technische details	
Schaalbaarheid	25	Geheugensnelheid (max)	2400 MHz
Ingebouwde opties beschikbaar	✓	Aantal UPI-koppelingen	2
PCI Express CEM revisie	3.0	Onderhoudsstatus	Baseline Servicing
Export Control Classification Number (ECCN)	5A992C	Logistieke gegevens	
Commodity Classification Automated Tracking System (CCATS)	G077159	Code geharmoniseerd systeem (HS) 85423119	
Processor speciale functies		Gewicht en omvang	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Verpakkingsgrootte processor	76mm x 56.5mm
Intel® Turbo Boost Technology	2.0	Overige specificaties	
Intel® AES New Instructions (Intel® AES-NI)	✓	Maximum intern geheugen	1 TB



0675901818391



675901818391



8592978256715

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.