



## DELL Xeon 4214R processor 2,4 GHz 16,5 MB

Merk : DELL

Productfamilie: Xeon

Artikelcode: 338-BVKC

Productnaam : 4214R

Intel Xeon Silver 4214R 2.4GHz, 12C/24T, 9.6GT/s, 16.5M Cache, HT (100W) DDR4-2400

DELL Xeon 4214R processor 2,4 GHz 16,5 MB:

De Intel Xeon® 4214R 2.4GHz twaalf Core processor verbetert de prestaties en de snelheid van uw systeem. Bovendien maakt de Virtualization Technology de migratie van meer omgevingen mogelijk. De processor ondersteunt geavanceerde Speedstep® -technologie, waardoor een balans kan worden gevonden tussen prestaties en stroomverbruik.

De Thermal Monitoring Technologies beschermen de processor en het systeem tegen thermische fouten via verschillende thermische beheerfuncties. De VT-x met uitgebreide paginatabelen (EPT), ook bekend als SLAT (Second Level Address Translation), zorgt voor versnelling van gevirtualiseerde applicaties die veel geheugen gebruiken. De Xeon 4214R 2.4GHz processor zit boordevol functies en is de ideale keuze voor vrijwel alle veeleisende of standaardapplicaties in uw bedrijfsinfrastructuur.



Processor		Kenmerken	
Processorfabrikant *	Intel	PCI Express CEM revisie	3.0
Processorgeneratie	2e generatie Intel® Xeon® schaalbaar	<b>Processor speciale functies</b>	
Processormodel *	4214R	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Basisfrequentie processor *	2,4 GHz	Intel® Turbo Boost Technology	2.0
Processorfamilie *	Intel® Xeon® Silver	Intel® AES New Instructions (Intel® AES-NI)	✓
Aantal processorkernen *	12	Enhanced Intel SpeedStep Technology	✓
Processor socket *	LGA 3647 (Socket P)	Intel® Trusted Execution Technology	✓
Component voor	Server/werkplaats	Intel® Speed Shift-technologie	✓
Processor lithografie *	14 nm	Intel® VT-x with Extended Page Tables (EPT)	✓
Processor aantal threads	24	Intel® 64	✓
Processor operating modes *	64-bit	Intel® Virtualization Technology (VT-x)	✓
Maximale turbofrequentie van processor	3,5 GHz	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache	16,5 MB	Intel® Turbo Boost Max Technology 3.0	✗
Thermal Design Power (TDP)	100 W	AVX-512 Fused Multiply-Add (FMA) eenheden	1
Inclusief koeler *	✗	Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Codenaam processor	Cascade Lake	Intel® Speed Select-technologie - Prestatieprofiel (Intel® SST-PP)	✗
ARK ID processor	197100	Intel® Volume Management Device (VMD)	✓
<b>Geheugen</b>		Intel® Optane™ DC Persistent Memory ondersteunt	✗
Maximaal intern geheugen ondersteund door processor	1,02 TB	Intel® vPro™ Platform Eligibility	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM	Intel® Speed Select-technologie - Basisfrequentie (Intel® SST-BF)	✗
Klokgeheugen-snelheden ondersteund door processor	2400 MHz	<b>Eisen aan de omgeving</b>	
Geheugen kanaal *	Zeskanaals	Tcase	79 °C
ECC	✓	<b>Logistieke gegevens</b>	
<b>Grafisch</b>		Code geharmoniseerd systeem (HS)	85423119
Ingebouwde grafische adapter *	✗	<b>Gewicht en omvang</b>	
Aparte grafische adapter *	✗	Verpakkingsgrootte processor	76.0 x 56.5 mm
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
<b>Kenmerken</b>			
Execute Disable Bit	✓		
Marktsegment	Server		
Maximaal aantal PCI Express-lijnen	48		
PCI Express slots versie	3.0		

## Kenmerken

Ondersteunde instructie sets	SSE4.2, AVX, AVX 2.0, AVX-512
Schaalbaarheid	25
Ingebouwde opties beschikbaar	✓



5397184501269

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.

Publication date: 27-SEP-2024. Prints or copies of Information are only valid on the printed Publication date