



DELL Xeon 4210R processor 2,4 GHz 13,75 MB

Merk : DELL

Productfamilie: Xeon

Artikelcode: 338-BVKE

Productnaam : 4210R

Intel Xeon Silver 4210R 2.4GHz, 10C/20T, 9.6GT/s, 13.75M Cache, HT (100W) DDR4-2400

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De Intel Xeon® 4210R 2.4GHz tien 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 4210R 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	Processor speciale functies	
Processormodel *	4210R	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 *	10	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	20	Intel® 64	✓
Processor operating modes *	64-bit	Intel® Virtualization Technology (VT-x)	✓
Maximale turbofrequentie van processor	3,2 GHz	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache	13,75 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	197098	Intel® Volume Management Device (VMD)	✓
Geheugen		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	Eisen aan de omgeving	
Geheugen kanaal *	Zeskanaals	Tcase	84 °C
ECC	✓	Logistieke gegevens	
Grafisch		Code geharmoniseerd systeem (HS)	85423119
Ingebouwde grafische adapter *	✗	Gewicht en omvang	
Aparte grafische adapter *	✗	Verpakkingsgrootte processor	76.0 x 56.5 mm
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
Kenmerken			
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	✓



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