



Lenovo Xeon 4210R processor 2.4 GHz 13.75 MB Tray

Brand : Lenovo

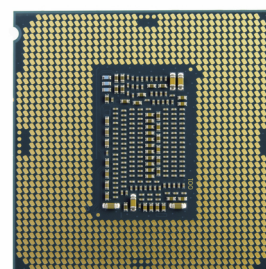
Product family: Xeon

Product code: 4XG7A37988

Product name : Xeon 4210R

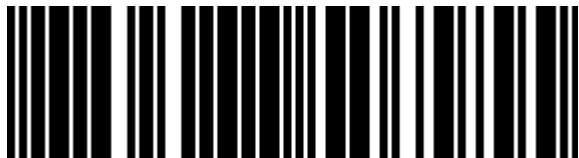
Intel Xeon Silver 4210R Processor (13.75MB Cache, up to 3.2 GHz)

Lenovo Xeon 4210R. Processor family: Intel Xeon Silver, Processor socket: LGA 3647 (Socket P), Processor lithography: 14 nm. Memory channels: Hexa-channel, Maximum internal memory supported by processor: 1 TB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: SSE4.2, AVX, AVX 2.0, AVX-512, Scalability: 2S. Processor package size: 76.0 x 56.5 mm



Processor		Processor special features	
Processor generation	2nd Generation Intel® Xeon® Scalable	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor model *	4210R	Intel® Turbo Boost Technology	2.0
Processor base frequency *	2.4 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor family *	Intel Xeon Silver	Enhanced Intel SpeedStep Technology	✓
Processor cores *	10	Intel Trusted Execution Technology	✓
Processor socket *	LGA 3647 (Socket P)	Intel® Speed Shift Technology	✓
Component for	Server/workstation	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography *	14 nm	Intel 64	✓
Processor threads	20	Intel Virtualization Technology (VT-x)	✓
Processor operating modes *	64-bit	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor boost frequency	3.2 GHz	Intel Turbo Boost Max Technology 3.0	✗
Processor cache	13.75 MB	AVX-512 Fused Multiply-Add (FMA) units	1
Thermal Design Power (TDP)	100 W	Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Package type *	Tray	Intel® Speed Select technology - Performance Profile (Intel® SST-PP)	✗
Cooler included *	✗	Intel® Volume Management Device (VMD)	✓
Processor codename	Cascade Lake	Intel® Optane™ DC Persistent Memory Supported	✗
Processor ARK ID	197098	Intel® vPro™ Platform Eligibility	✓
Memory		Intel® Speed Select Technology - Base Frequency (Intel® SST-BF)	✗
Maximum internal memory supported by processor	1 TB		
Memory types supported by processor	DDR4-SDRAM		
Memory clock speeds supported by processor	2400 MHz		
Memory channels *	Hexa-channel		
ECC	✓		
Graphics			
On-board graphics card *	✗		

Graphics		Operational conditions	
Discrete graphics card *	✗	Tcase	84 °C
On-board graphics card model *	Not available	Logistics data	
Discrete graphics card model *	Not available	Harmonized System (HS) code	85423119
Features		Weight & dimensions	
Execute Disable Bit	✓	Processor package size	76.0 x 56.5 mm
Market segment	Server		
Maximum number of PCI Express lanes	48		
PCI Express slots version	3.0		
Supported instruction sets	SSE4.2, AVX, AVX 2.0, AVX-512		
Scalability	25		
Embedded options available	✓		
PCI Express CEM revision	3.0		



0889488507955



889488507955

Catalog Object Cloud



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.