



HP Intel Xeon Silver 4210R processor 2.4 GHz 13.75 MB Tray

Brand : HP

Product code: 8JJ07AV

Product name : Intel Xeon Silver 4210R

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

HP Intel Xeon Silver 4210R processor 2.4 GHz 13.75 MB Tray:

Options, accessories, services and support for all your HP and Compaq products.

HP Intel Xeon Silver 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: AVX, AVX 2.0, AVX-512, SSE4.2, Scalability: 2S



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	2nd Generation Intel® Xeon® Scalable	Intel® Turbo Boost Technology	2.0
Processor model *	4210R	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor base frequency *	2.4 GHz	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel Xeon Silver	Intel Trusted Execution Technology	✓
Processor cores *	10	Intel® Speed Shift Technology	✓
Processor socket *	LGA 3647 (Socket P)	Intel® Transactional Synchronization Extensions	✓
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® Resource Director Technology (Intel® RDT)	✓
Processor codename	Cascade Lake	Intel® Volume Management Device (VMD)	✓
Memory		Intel® Run Sure Technology	✗
Maximum internal memory supported by processor	1 TB	Mode-based Execute Control (MBE)	✓
Memory types supported by processor	DDR4-SDRAM	Intel® Optane™ DC Persistent Memory Supported	✗
Memory clock speeds supported by processor	2400 MHz	Intel® vPro™ Platform Eligibility	✓
Memory channels *	Hexa-channel	Intel® Speed Select Technology - Base Frequency (Intel® SST-BF)	✗
ECC	✓	Operational conditions	
Graphics		Tcase	84 °C
On-board graphics card *	✗		
Discrete graphics card *	✗		
On-board graphics card model *	Not available		
Discrete graphics card model *	Not available		
Features			
Execute Disable Bit	✓		
Market segment	Server		
Maximum number of PCI Express lanes	48		
PCI Express slots version	3.0		
Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2		

Features	
Scalability	25
Embedded options available	✓
PCI Express CEM revision	3.0

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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.