

# Intel Xeon Silver 4210 - 2.2 GHz

10-core - 20 threads - 13.75 MB cache - LGA3647 Socket - Box

Group	CPUs
Manufacturer	Intel
Manufacturer item no.	BX806954210
EAN/UPC	5032037162159



## Description

Intel Xeon Silver processors deliver essential performance, improved memory speed, and power efficiency. Hardware-enhanced performance required for entry data center computes, network and storage.

## Main features

Product Description	Intel Xeon Silver 4210 / 2.2 GHz processor - Box
Product Type	Processor
Processor Type	Intel Xeon Silver 4210
Number of Cores	10-core / 20 threads
Cache	13.75 MB
Compatible Processor Socket	LGA3647 Socket
Processor Qty	1
Clock Speed	2.2 GHz
Max Turbo Speed	3.2 GHz
Manufacturing Process	14 nm
Features	Enhanced SpeedStep technology, Hyper-Threading Technology, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, Intel Trusted Execution Technology, Intel Turbo Boost Technology 2.0, Intel AES New Instructions (AES-NI), Intel Virtualization Technology for Directed I/O (VT-d), Intel VT-x with Extended Page Tables (EPT), Intel TSX-NI, Intel Speed Shift Technology, Intel Advanced Vector Extensions 512 (AVX-512), Mode-based Execute Control (MBE), Intel Volume Management Device (VMD), Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), Intel vPro Platform Eligibility

## Extended details

	<b>General</b>
Product Type	Processor
	<b>Processor</b>
Type / Form Factor	Intel Xeon Silver 4210
Number of Cores	10-core
Number of Threads	20 threads
Cache	13.75 MB

Processor Qty	1
Clock Speed	2.2 GHz
Max Turbo Speed	3.2 GHz
Compatible Processor Socket	LGA3647 Socket
Manufacturing Process	14 nm
Thermal Design Power	85 W
Thermal Specification	78 °C
PCI Express Revision	3.0
PCI Express Lanes Qty	48
Architecture Features	Enhanced SpeedStep technology, Hyper-Threading Technology, Execute Disable Bit capability, Intel Virtualization Technology, Intel 64 Technology, Intel Trusted Execution Technology, Intel Turbo Boost Technology 2.0, Intel AES New Instructions (AES-NI), Intel Virtualization Technology for Directed I/O (VT-d), Intel VT-x with Extended Page Tables (EPT), Intel TSX-NI, Intel Speed Shift Technology, Intel Advanced Vector Extensions 512 (AVX-512), Mode-based Execute Control (MBE), Intel Volume Management Device (VMD), Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), Intel vPro Platform Eligibility
	<b>Miscellaneous</b>
Package Type	Intel Boxed
	<b>Manufacturer Warranty</b>
Service & Support	Limited warranty - 3 years

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