

## Lenovo Xeon Intel Silver 4309Y suoritin 2,8 GHz 12 MB

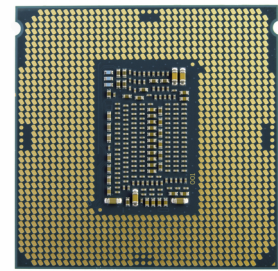
**Tuotemerkki :** Lenovo

**Tuoteperhe:** Xeon

**Tuotekoodi:** 4XG7A63443

**Tuotteen nimi :** Intel Xeon Silver 4309Y

Lenovo Xeon Intel Silver 4309Y. Suoritinperhe: Intel® Xeon Silver, Prosessorin kanta: LGA 4189, Prosessorin litografia: 10 nm. Muistikanaavat: Octa-kanava, Prosessorin tukema suurin sisäinen muisti: 6,14 TB, Prosessorin tukemat muistityypit: DDR4-SDRAM. Markkinasegmentti: Palvelin, Tuetut ohjepaketit: SSE4.2, AVX, AVX 2.0, AVX-512, Skaalautuvuus: 2S. Intel® SGX:n tuettu enklaavin enimmäiskoko: 8 GB. Pakkaustyyppi: Myyntilaatikko



Processor		Processor special features	
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✓
Processor generation	3rd Generation Intel® Xeon® Scalable	Intel® Speed Shift Technology	✓
Processor model *	4309Y	Intel® Transactional Synchronization Extensions	✓
Processor base frequency *	2.8 GHz	Intel® Total Memory Encryption	✓
Processor family *	Intel Xeon Silver	Intel® Crypto Acceleration	✓
Processor cores *	8	Intel® Platform Firmware Resilience Support	✓
Processor socket *	LGA 4189	Maximum Enclave Size Support for Intel® SGX	8 GB
Component for	Server/workstation	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography *	10 nm	Intel Software Guard Extensions (Intel SGX)	✓
Processor threads	16	Intel 64	✓
System bus rate	10.4 GT/s	Intel Virtualization Technology (VT-x)	✓
Processor operating modes *	64-bit	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor boost frequency	3.6 GHz	AVX-512 Fused Multiply-Add (FMA) units	2
Processor cache	12 MB	Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Thermal Design Power (TDP)	105 W	Intel® Speed Select technology - Performance Profile (Intel® SST-PP)	✓
Processor codename	Ice Lake	Intel® Resource Director Technology (Intel® RDT)	✓
Processor ARK ID	215275	Intel® Volume Management Device (VMD)	✓
<b>Memory</b>		Mode-based Execute Control (MBE)	✓
Maximum internal memory supported by processor	6.14 TB		
Memory types supported by processor	DDR4-SDRAM		
Memory clock speeds supported by processor	2667 MHz		
Memory channels *	Octa-channel		
ECC	✓		
<b>Graphics</b>			
On-board graphics card *	✗		

Graphics		Processor special features	
Discrete graphics card *	✗	Intel® Optane™ DC Persistent Memory Supported	✗
On-board graphics card model *	Not available	<b>Operational conditions</b>	
Discrete graphics card model *	Not available	Tcase	76 °C
Features		Technical details	
Execute Disable Bit	✓	Launch date	Q2'21
Market segment	Server	Status	Launched
Maximum number of PCI Express lanes	64	Supported memory types	DDR4-SDRAM
PCI Express slots version	4.0	Memory speed (max)	2667 MHz
Supported instruction sets	SSE4.2, AVX, AVX 2.0, AVX-512	Number of UPI links	2
Scalability	2S	Logistics data	
Embedded options available	✗	Harmonized System (HS) code	85423119
Export Control Classification Number (ECCN)	5A992CN3	Packaging data	
Commodity Classification Automated Tracking System (CCATS)	G178966	Package type	Retail box
Processor special features		Weight & dimensions	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Processor package size	77.5 x 56.5 mm
Intel® Turbo Boost Technology	2.0	Other features	
Intel® AES New Instructions (Intel® AES-NI)	✓	Maximum internal memory	6 TB



0889488531202



889488531202

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.