

DELL Xeon Silver 4309Y processor 2.8 GHz 12 MB

Gamintojas: **DELL** · Modelis: **338-CBXY** · EAN: **5397184660249** · Prekės kodas: **393332**



701,90 €

Kaina su PVM

Be PVM: **580,08 €**

Neturime



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Intel Xeon Silver 4309Y 2.8 GHz
- ✓ 12 MB LGA 4189
- ✓ Processor cores: 8 10 nm 64-bit 105 W
- ✓ Maximum internal memory supported by processor: 6 TB DDR4-SDRAM



Aprašymas

The Intel Xeon® Silver 4309Y 2.8GHz Eight Core Processor enhances the performance and the speed of your system. Additionally, the Virtualization Technology enables migration of more environments. It supports enhanced SpeedStep® technology that allows tradeoffs to be made between performance and power consumption.

Its Thermal Monitoring Technologies protect the processor package and the system from thermal failure through several thermal management features. The VT-x with Extended Page Tables (EPT) also known as Second Level Address Translation (SLAT), provides acceleration for memory intensive virtualized applications. Packed with more features, the Xeon Silver 4309Y 2.8GHz Eight Core Processor is the ideal choice for virtually all of your data demanding or standard enterprise infrastructure applications.

Techninė specifikacija

Specifications

Sandėlio grupė

Komponenten & Zubehör > Prozessoren/CPUs [+1003][-393]

Processor

Processor family	Intel Xeon Silver
Processor cores	8
Processor socket	LGA 4189
Processor lithography	10 nm
Cooler included	No
Processor manufacturer	Intel
Processor model	4309Y
Processor base frequency	2.8 GHz
Processor operating modes	64-bit
Processor generation	3rd Generation Intel® Xeon® Scalable
Component for	Server/workstation
Processor threads	16
System bus rate	10.4 GT/s
Processor boost frequency	3.6 GHz
Processor cache	12 MB
Thermal Design Power (TDP)	105 W
Processor codename	Ice Lake
Processor ARK ID	215275

Memory

Memory channels	Octa-channel
Maximum internal memory supported by processor	6 TB
Memory types supported by processor	DDR4-SDRAM
Memory clock speeds supported by processor	2667 MHz
ECC	Yes

Graphics

On-board graphics card	No
Discrete graphics card	No
On-board graphics card model	Not available
Discrete graphics card model	Not available

Features

Execute Disable Bit	Yes
Market segment	Server

Maximum number of PCI Express lanes	64
PCI Express slots version	4
Supported instruction sets	SSE4.2, AVX, AVX 2.0, AVX-512
Scalability	25
Embedded options available	No
Export Control Classification Number (ECCN)	5A992CN3
Commodity Classification Automated Tracking System (CCATS)	G178966

Processor special features

Intel® Hyper Threading Technology (Intel® HT Technology)	Yes
Intel® Turbo Boost Technology	2
Intel® AES New Instructions (Intel® AES-NI)	Yes
Intel Trusted Execution Technology	Yes
Intel® Speed Shift Technology	Yes
Intel® Transactional Synchronization Extensions	Yes
Intel® Total Memory Encryption	Yes
Intel® Crypto Acceleration	Yes
Intel® Platform Firmware Resilience Support	Yes
Maximum Enclave Size Support for Intel® SGX	8 GB
Intel VT-x with Extended Page Tables (EPT)	Yes
Intel Software Guard Extensions (Intel SGX)	Yes
Intel 64	Yes
Intel Virtualization Technology (VT-x)	Yes
Intel Virtualization Technology for Directed I/O (VT-d)	Yes
AVX-512 Fused Multiply-Add (FMA) units	2
Intel® Deep Learning Boost (Intel® DL Boost) on CPU	Yes
Intel® Speed Select technology - Performance Profile (Intel® SST-PP)	Yes
Intel® Resource Director Technology (Intel® RDT)	Yes
Intel® Volume Management Device (VMD)	Yes
Mode-based Execute Control (MBE)	Yes
Intel® Optane™ DC Persistent Memory Supported	No

Operational conditions

Tcase	76 °C
-------	-------

Technical details

Supported memory types	DDR4-SDRAM
Launch date	Q2'21
Status	Launched
Memory speed (max)	2667 MHz
Number of UPI links	2
Logistics data	
Harmonized System (HS) code	85423119
Weight & dimensions	
Processor package size	77.5 x 56.5 mm
Other features	
Maximum internal memory	6 TB