

Dell Intel Xeon Silver 4309Y(338-CBXY)

Intel Xeon Silver 4309Y - 2.8 GHz - 8-core - 16 threads - 12 MB cache

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.

Key Selling Points

- 8-core Intel Xeon Silver processor for high-efficiency multitasking
- 12 MB cache memory for faster data access and processing
- Supports Enhanced SpeedStep technology for optimal power consumption
- Hyper-Threading Technology enables more efficient use of processor resources
- Intel Virtualization Technology enhances virtual machine performance

Product Features

- Enhanced performance**
Equipped with an 8-core Intel Xeon Silver 4309Y processor and a 12 MB cache, this processor delivers reliable and efficient performance for demanding applications. Its 2.8 GHz clock speed, enhanced by Hyper-Threading Technology, ensures smooth multitasking and responsiveness.
- Advanced virtualization**
Featuring Intel VT-x with Extended Page Tables (EPT) and Intel Virtualization Technology, this processor offers improved management of memory and virtualization tasks, making it a suitable choice for environments requiring virtual machines.
- Efficient thermal management**
With a Thermal Design Power (TDP) of 105 W, this processor is designed to maintain optimal performance while managing heat efficiently, ensuring stability and longevity of your computing environment.

Main Specifications

Product Description	Intel Xeon Silver 4309Y / 2.8 GHz processor
Product Type	Processor
Processor Type	Intel Xeon Silver 4309Y
Number of Cores	8-core / 16 threads
Cache	12 MB
Processor Qty	1
Clock Speed	2.8 GHz
Bus Speed	10.4 GT/s
Features	Hyper-Threading Technology, Enhanced SpeedStep technology, Intel Virtualization Technology, Intel VT-x with Extended Page Tables (EPT)
Manufacturer Warranty	1-year warranty or inherited Dell system warranty

Extended Specification

General

Product Type	Processor
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Manufacturer Warranty

Service & Support	Limited warranty - 1 year
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Processor

Type / Form Factor	Intel Xeon Silver 4309Y
Number of Cores	8-core
Number of Threads	16 threads
Cache	12 MB
Cache Memory Details	12 MB
Processor Qty	1
Clock Speed	2.8 GHz
Bus Speed	10.4 GT/s
Thermal Design Power	105 W
Architecture Features	Hyper-Threading Technology, Enhanced SpeedStep technology, Intel Virtualization Technology, Intel VT-x with Extended Page Tables (EPT)

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet