

Lenovo Intel Xeon Silver 4309Y(4XG7A63443)

Intel Xeon Silver 4309Y - 2.8 GHz - 8-core - 16 threads - 12 MB cache - for ThinkAgile HX7530 Appliance; MX3530-H Hybrid Appliance; MX3531-H Hybrid Certified Node

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.

Key Selling Points

Trusted infrastructure, from the cell tower to your data center
Hardware-enhanced performance

Product Features

Trusted infrastructure, from the cell tower to your data center
Experience the performance gains, cost and time savings enabled with Intel Xeon Silver processor family-based systems network appliances with hardware-enhanced virtualization capabilities, taking Virtualized Network Functions to another level.

Hardware-enhanced performance
With support for Intel Hyper-Threading Technology and Intel Turbo Boost Technology 2.0, you gain the hardware-enhanced performance boost your entry data center compute requires.

Main Specifications

Product Description	Intel Xeon Silver 4309Y / 2.8 GHz processor
Product Type	Processor
Processor Type	Intel Xeon Silver 4309Y (3rd Gen)
Number of Cores	8-core / 16 threads
Cache	12 MB
Processor Qty	1
Clock Speed	2.8 GHz
Max Turbo Speed	3.6 GHz
Manufacturing Process	10 nm
Features	Integrated memory controller, Intel Turbo Boost Technology 2.0, Intel Software Guard Extensions (SGX), Intel Optane DC Persistent Memory Supported
Designed For	ThinkAgile HX5530 Appliance 7Z82; HX5531 Certified Node 7Z84; HX7530 Appliance 7Z82; HX7531 Certified Node 7Z84; MX3530-H Hybrid Appliance 7D6B; MX3531-H Hybrid Certified Node 7D66; ThinkSystem SR650 V2 7D15, 7Z72, 7Z73

Extended Specification

General

Product Type	Processor
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Processor

Type / Form Factor	Intel Xeon Silver 4309Y (3rd Gen)
Number of Cores	8-core
Number of Threads	16 threads
Cache	12 MB
Cache Memory Details	L3 - 12 MB
Processor Qty	1

Clock Speed	2.8 GHz
Max Turbo Speed	3.6 GHz
Manufacturing Process	10 nm
Thermal Design Power	105 W
PCI Express Revision	4.0
PCI Express Lanes Qty	64
Architecture Features	Integrated memory controller, Intel Turbo Boost Technology 2.0, Intel Software Guard Extensions (SGX), Intel Optane DC Persistent Memory Supported

Compatibility Information

Designed For	Lenovo ThinkAgile HX5530 Appliance 7Z82 Lenovo ThinkAgile HX5531 Certified Node 7Z84 Lenovo ThinkAgile HX7530 Appliance 7Z82 Lenovo ThinkAgile HX7531 Certified Node 7Z84 Lenovo ThinkAgile MX3530-H Hybrid Appliance 7D6B Lenovo ThinkAgile MX3531-H Hybrid Certified Node 7D66 Lenovo ThinkSystem SR650 V2 7D15, 7Z72, 7Z73
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