

Intel Xeon Silver 4416+ / 2 GHz processor - Box



20-05-2024

SKU	BX807134416
Product Description:	Intel Xeon Silver 4416+ / 2 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Xeon Silver 4416+ (4th Gen)
Number of Cores:	20-core / 40 threads
Cache:	37.5 MB
Compatible Processor Socket:	FCLGA4677 Socket
Processor Qty:	1

General

Product Type:	Processor	Service & Support:	Limited warranty - 3 years
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Manufacturer Warranty

Miscellaneous

Package Type:	Intel Boxed
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Processor

Type / Form Factor:	Intel Xeon Silver 4416+ (4th Gen)
Number of Cores:	20-core
Number of Threads:	40 threads
Cache:	37.5 MB
Cache Memory Details:	Smart Cache - 37.5 MB
Processor Qty:	1
Clock Speed:	2 GHz
Max Turbo Speed:	3.9 GHz
Compatible Processor Socket:	FCLGA4677 Socket
Thermal Design Power:	165 W

Processor

Thermal Specification: 82 °C

PCI Express Revision: 5.0

PCI Express Lanes Qty: 80

Architecture Features: 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 Transactional Synchronization Extensions (TSX), Intel QuickAssist Technology, Intel OS Guard, Intel Software Guard Extensions (SGX), Intel Speed Shift Technology, Mode-based Execute Control (MBE), Intel Boot Guard, Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), Intel Control-Flow Enforcement Technology, Intel Total Memory Encryption, Intel Platform Firmware Resilience Support, Intel Crypto Acceleration, Instruction Set 64-bit, Intel On Demand Feature Activation, Intel Advanced Matrix Extensions, Intel Dynamic Load Balancer (DLB), Intel Data Streaming Accelerator (DSA), Intel QuickAssist Software Acceleration, 128 GB maximum Enclave Page Cache (EPC) size for Intel SGX, Intel In-memory Analytics Accelerator

