

Intel Xeon Silver 4410Y / 2 GHz processor - Box



14-05-2024

SKU	BX807134410Y
Product Description:	Intel Xeon Silver 4410Y / 2 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Xeon Silver 4410Y (4th Gen)
Number of Cores:	12-core / 24 threads
Cache:	30 MB
Compatible Processor Socket:	FCLGA4677 Socket
Processor Qty:	1

General

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

Manufacturer Warranty

Miscellaneous

Package Type:	Intel Boxed
---------------	-------------

Processor

Type / Form Factor:	Intel Xeon Silver 4410Y (4th Gen)
Number of Cores:	12-core
Number of Threads:	24 threads
Cache:	30 MB
Cache Memory Details:	Smart Cache - 30 MB
Processor Qty:	1
Clock Speed:	2 GHz
Max Turbo Speed:	3.9 GHz
Compatible Processor Socket:	FCLGA4677 Socket
Manufacturing Process:	10 nm
Thermal Design Power:	150 W

Processor

Thermal Specification:	78 °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, streaming SIMD extensions 4.2, 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 OS Guard, Intel Software Guard Extensions (SGX), Intel Speed Shift Technology, Intel Advanced Vector Extensions 512 (AVX-512), Mode-based Execute Control (MBE), Intel Boot Guard, Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), Intel Speed Select technology - Performance Profile, Advanced Vector Extensions (AVX), Intel Control-Flow Enforcement Technology, Intel Total Memory Encryption, Intel Platform Firmware Resilience Support, Intel Crypto Acceleration, Advanced Vector Extensions 2 (AVX2), Intel On Demand Feature Activation, 64 GB maximum Enclave Page Cache (EPC) size for Intel SGX, Intel Data Streaming Accelerator (DSA), Intel QuickAssist Software Acceleration, Intel Advanced Matrix Extensions (AMX), 2 AVX-512 FMA Units