

Intel Xeon Gold 5415+ / 2.9 GHz processor - Box



16-05-2024

SKU	BX807135415
Product Description:	Intel Xeon Gold 5415+ / 2.9 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Xeon Gold 5415+ (4th Gen)
Number of Cores:	8-core / 16 threads
Cache:	22.5 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

Dimensions & Weight (Shipping)

Shipping Width:	7.75 cm
Shipping Depth:	5.65 cm

Miscellaneous

Package Type:	Intel Boxed
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Processor

Type / Form Factor:	Intel Xeon Gold 5415+ (4th Gen)
Number of Cores:	8-core
Number of Threads:	16 threads
Cache:	22.5 MB
Cache Memory Details:	Smart Cache - 22.5 MB
Processor Qty:	1
Clock Speed:	2.9 GHz
Max Turbo Speed:	4.1 GHz

Processor

Compatible Processor Socket: FCLGA4677 Socket

Thermal Design Power:	150 W
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 Advanced Vector Extensions (AVX), Intel AES New Instructions (AES-NI), Intel Virtualization Technology for Directed I/O (VT-d), Intel VT-x with Extended Page Tables (EPT), Intel TSX-NI, Intel QuickAssist Technology, 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 Run Sure Technology, Intel Boot Guard, Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), Intel Speed Select technology - Base Frequency, Intel Speed Select technology - Core Power, Intel Speed Select technology - Turbo Frequency, Intel Control-Flow Enforcement Technology, Intel Total Memory Encryption, Intel Platform Firmware Resilience Support, Intel Crypto Acceleration, Advanced Vector Extensions 2 (AVX2), Intel Advanced Matrix Extensions, 2 high priority cores, 6 low priority cores, 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, Activating Intel On Demand Feature, Intel In-memory Analytics Accelerator (IAA), 2 AVX-512 FMA Units, 3.10 GHz high priority core

