

Intel Xeon Gold 6430 / 2.1 GHz processor - Box



15-05-2024

SKU	BX807136430
Product Description:	Intel Xeon Gold 6430 / 2.1 GHz processor - Box
Product Type:	Processor
Processor Type:	Intel Xeon Gold 6430 (4th Gen)
Number of Cores:	32-core / 64 threads
Cache:	60 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 6430 (4th Gen)
Number of Cores:	32-core
Number of Threads:	64 threads
Cache:	60 MB
Cache Memory Details:	Smart Cache - 60 MB
Processor Qty:	1
Clock Speed:	2.1 GHz
Max Turbo Speed:	3.4 GHz
Compatible Processor Socket:	FCLGA4677 Socket

Processor

Manufacturing Process:	10 nm
Thermal Design Power:	270 W
Thermal Specification:	72 °C
PCI Express Revision:	5.0
PCI Express Lanes Qty:	80



Processor

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 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 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 Run Sure Technology, Intel Boot Guard, Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), Intel Speed Select technology - Performance Profile, 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, Instruction Set 64-bit, Advanced Vector Extensions 2 (AVX2), Intel On Demand Feature Activation, Intel Advanced Matrix Extensions, 20 low priority cores, 12 high priority cores, 2.20 GHz high priority core, Intel Data Streaming Accelerator (DSA), Intel QuickAssist Software Acceleration, 128 GB maximum Enclave Page Cache (EPC) size for Intel SGX, 2 AVX-512 FMA Units