



INTEL Xeon Gold 6442Y 2.6GHz FC-LGA16A 60M Cache Tray CPU



Model: PK8071305120500

Manufacturer: INTEL

Product Code: 50131

R54,906

With support for higher memory speeds, enhanced memory capacity, and up-to four-socket scalability, Intel Xeon Gold processors deliver improved performance, enhanced memory capabilities, advanced security technologies, and built-in workload acceleration. These processors are optimized for demanding mainstream data center, cloud compute, and network and storage workloads. With up to four-socket scalability, they are suitable for an expanded range of workloads.

Product Description: Intel Xeon Gold 6442Y / 2.6 GHz processor - OEM | Product Type: Processor | Processor Type: Intel Xeon Gold 6442Y (4th Gen) | Number of Cores: 24-core / 48 threads | Cache: 60 MB | Compatible Processor Socket: FCLGA4677 Socket | Processor Qty: 1 | Clock Speed: 2.6 GHz | Max Turbo Speed: 4 GHz | Manufacturing Process: 10 nm | Features: Intel On Demand Feature Activation, Intel Data Streaming Accelerator (DSA), Intel Advanced Matrix Extensions, Intel Speed Select technology - Core Power, Intel Speed Select technology - Turbo Frequency, Intel Deep Learning Boost (DL Boost), Intel Speed Select technology - Performance Profile, Intel Speed Select technology - Base Frequency, 8 high priority cores, 2.80 GHz high priority core, 16 low priority cores, 1.80 GHz low priority core, Intel Resource Director Technology (RDT), Intel Speed Shift Technology, Intel Turbo Boost Technology 2.0, Hyper-Threading Technology, Intel Transactional Synchronization

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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Extensions (TSX), Intel 64 Technology, streaming SIMD extensions 4.2, Advanced Vector Extensions (AVX), Advanced Vector Extensions 2 (AVX2), Intel Advanced Vector Extensions 512 (AVX-512), Intel Crypto Acceleration, Intel QuickAssist Software Acceleration, Intel Platform Firmware Resilience Support, Intel Control-Flow Enforcement Technology, Intel Total Memory Encryption, Intel AES New Instructions (AES-NI), Intel Software Guard Extensions (SGX), Intel OS Guard, Intel Trusted Execution Technology, Execute Disable Bit capability, Intel Boot Guard, Intel Run Sure Technology, Mode-based Execute Control (MBEC), Intel Virtualization Technology, Intel Virtualization Technology for Directed I/O (VT-d), Intel VT-x with Extended Page Tables (EPT), 128 GB maximum Enclave Page Cache (EPC) size for Intel SGX, Intel Optane DC Persistent Memory Supported

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