

Intel Xeon Gold 6448H / 2.4 GHz processor - OEM



16-05-2024

SKU	PK8071305121300
Product Description:	Intel Xeon Gold 6448H / 2.4 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Xeon Gold 6448H (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 - 1 year
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Manufacturer Warranty

Miscellaneous

Package Type:	OEM/tray
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Processor

Type / Form Factor:	Intel Xeon Gold 6448H (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:	2.4 GHz
Max Turbo Speed:	4.1 GHz
Compatible Processor Socket:	FCLGA4677 Socket
Thermal Design Power:	250 W

Processor

Thermal Specification: 83 °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 QuickAssist Technology, Intel OS Guard, Intel Software Guard Extensions (SGX), Intel Speed Shift Technology, 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, Intel Transactional Synchronization Extensions - New Instructions (TSX-NI), Instruction Set 64-bit, Intel On Demand Feature Activation, 12 high priority cores, Intel Dynamic Load Balancer (DLB), Intel Data Streaming Accelerator (DSA), Intel QuickAssist Software Acceleration, Intel Advanced Matrix Extensions (AMX), Intel In-memory Analytics Accelerator (IAA), 512 GB maximum Enclave Page Cache (EPC) size for Intel SGX, 2.60 GHz high priority core

