

Intel Xeon Gold 6434H / 3.7 GHz processor - OEM



06-08-2024

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| SKU | PK8071305121001 |
| Product Description: | Intel Xeon Gold 6434H / 3.7 GHz processor - OEM |
| Product Type: | Processor |
| Processor Type: | Intel Xeon Gold 6434H (4th Gen) |
| Number of Cores: | 8-core / 16 threads |
| Cache: | 22.5 MB |
| Compatible Processor Socket: | FCLGA4677 Socket |
| Processor Qty: | 1 |

General

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| Product Type: | Processor |
| Width: | 7.75 cm |
| Depth: | 5.65 cm |

Manufacturer Warranty

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|--------------------|---------------------------|
| Service & Support: | Limited warranty - 1 year |
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Miscellaneous

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|---------------|----------|
| Package Type: | OEM/tray |
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Processor

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|------------------------------|---------------------------------|
| Type / Form Factor: | Intel Xeon Gold 6434H (4th Gen) |
| Number of Cores: | 8-core |
| Number of Threads: | 16 threads |
| Cache: | 22.5 MB |
| Processor Qty: | 1 |
| Clock Speed: | 3.7 GHz |
| Max Turbo Speed: | 4.1 GHz |
| Bus Speed: | 16 GT/s |
| Compatible Processor Socket: | FCLGA4677 Socket |
| Manufacturing Process: | 10 nm |
| Thermal Design Power: | 195 W |
| Thermal Specification: | 96 °C |

Produktdatablad genereret d. 22-07-2024 10:28.

Vær opmærksom på at priser og lagerstatus var gældende på genereringstidspunktet og dermed ikke kan garanteres.

Processor

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 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 Advanced Vector Extensions 2 (AVX2.0), Intel Transactional Synchronization Extensions (TSX), Intel OS Guard, Intel Speed Shift Technology, Intel Advanced Vector Extensions 512 (AVX-512), 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 SSE4.2, Mode-based Execute Control (MBEC), Intel On Demand Feature Activation, 2 high priority cores, 3.90 GHz high priority core, 6 low priority cores, Intel Data Streaming Accelerator (DSA), Intel QuickAssist Software Acceleration, Intel Advanced Matrix Extensions (AMX), Intel Software Guard Extensions (SGX) with Intel SPS, Intel In-memory Analytics Accelerator (IAA), 512 GB maximum Enclave Page Cache (EPC) size for Intel SGX, 3.40 GHz low priority core, 2 AVX-512 FMA Units