

Intel Xeon Gold 6418H / 2.1 GHz processor - OEM



20-05-2024

SKU	PK8071305121202
Produktbeskrivelse:	Intel Xeon Gold 6418H / 2.1 GHz Processor - OEM
Produkttype:	Processor
Processortype:	Intel Xeon Gold 6418H (4. Gen)
Antal kerner:	24-kerne / 48 tråde
Cache:	60 MB
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Antal processorer:	1

Generelt

Produkttype:	Processor
Bredde:	7.75 cm
Dybde:	5.65 cm

Producentgaranti

Service & Support:	Begrænset garanti - 1 år
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Diverse

Pakketype:	OEM/bakke
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Processor

Type / Model:	Intel Xeon Gold 6418H (4. Gen)
Antal kerner:	24-kerne
Antal tråde:	48 tråde
Cache:	60 MB
Antal processorer:	1
Clock-frekvens:	2.1 GHz
Max Turbo Speed:	4 GHz
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Fremstillingsproces:	10 nm
Termisk designeffekt:	185 W
Termisk specifikation:	94 °C
PCI Express- revision:	5.0
Antal PCI Express- spor:	80

Processor

DesignEgenskaber:

Hyper-Threading teknologi, Execute Disable Bit funktion, 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 Transactional Synchronization Extensions (TSX), Intel OS Guard, 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 - Performance Profile, Advanced Vector Extensions (AVX), 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 SSE4.2, Mode-based Execute Control (MBEC), Intel On Demand Feature Activation, Intel Advanced Matrix Extensions, 8 højprioritetskerner, 2,30 GHz højprioritetskerne, 1,90 GHz lavprioritetskerne, Intel Data Streaming Accelerator (DSA), 16 lavprioritetskerner, Intel QuickAssist Software Acceleration, Intel Advanced Matrix Extensions (AMX), Intel Software Guard Extensions (SGX) med Intel SPS, Intel In-memory Analytics Accelerator (IAA), 2 FMA (Fused Multiply Add instrukser) enheder, 512 GB maksimum Enclave Page Cache (EPC) størrelse til Intel SGX