

Intel Xeon Gold 5418N / 1.8 GHz processor - OEM



22-05-2024

SKU	PK8071305121701
Product Description:	Intel Xeon Gold 5418N / 1.8 GHz processor - OEM
Product Type:	Processor
Processor Type:	Intel Xeon Gold 5418N (4th Gen)
Number of Cores:	24-core / 48 threads
Cache:	45 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 5418N (4th Gen)
Number of Cores:	24-core
Number of Threads:	48 threads
Cache:	45 MB
Cache Memory Details:	Smart Cache - 45 MB
Processor Qty:	1
Clock Speed:	1.8 GHz
Max Turbo Speed:	3.8 GHz
Compatible Processor Socket:	FCLGA4677 Socket
Thermal Design Power:	165 W

Processor

Thermal Specification: 84 °C

PCI Express Revision: 5.0

PCI Express Lanes Qty: 80

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 TSX-NI, 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 - 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, Intel On Demand Feature Activation, Intel Advanced Matrix Extensions, 8 high priority cores, 2.00 GHz high priority core, 1.60 GHz high priority core, Intel Dynamic Load Balancer (DLB), Intel Data Streaming Accelerator (DSA), 16 low priority cores, Intel QuickAssist Software Acceleration, 128 GB maximum Enclave Page Cache (EPC) size for Intel SGX

Architecture Features:

