

Intel Xeon Gold 6538N / 2.1 GHz processor - OEM



04-06-2024

SKU	PK8072205560300
Produktbeskrivelse:	Intel Xeon Gold 6538N / 2.1 GHz Processor - OEM
Produkttype:	Processor
Processortype:	Intel Xeon Gold 6538N (5. Gen)
Antal kerner:	32-kerne / 64 tråde
Cache:	60 MB
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Antal processorer:	1

Generelt

Produkttype:	Processor	Pakketype:	OEM/bakke
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Diverse

Processor

Type / Model:	Intel Xeon Gold 6538N (5. Gen)
Antal kerner:	32-kerne
Antal tråde:	64 tråde
Cache:	60 MB
Detaljer for cache-hukommelse:	Smart Cache - 60 MB
Antal processorer:	1
Clock-frekvens:	2.1 GHz
Max Turbo Speed:	4.1 GHz
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Fremstillingsproces:	7 nm
Termisk designeffekt:	205 W
Termisk specifikation:	95 °C
PCI Express-revision:	5.0
Antal PCI Express-spor:	80



Processor

Hyper-Threading teknologi,
Execute Disable Bit funktion,
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 Transactional
Synchronization Extensions
(TSX), Intel OS Guard, Intel
Software Guard Extensions
(SGX), Intel Speed Shift
Technology, Intel Advanced
Vector Extensions 512 (AVX-512),
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, Advanced
Vector Extensions 2 (AVX2), Intel
On Demand Feature Activation,
Intel Advanced Matrix
Extensions, 2,30 GHz
højprioritetskerne, 1,90 GHz
lavprioritetskerne, 20
lavprioritetskerner, 12
højprioritetskerner, Intel Data
Streaming Accelerator (DSA),
Intel QuickAssist Software
Acceleration, 128 GB maksimum
Enclave Page Cache (EPC)
størrelse til Intel SGX, 2 AVX-512
FMA Units

DesignEgenskaber: