

Intel Xeon Silver 4514Y / 2 GHz processor - OEM



04-06-2024

SKU	PK8072205559100
Produktbeskrivelse:	Intel Xeon Silver 4514Y / 2 GHz Processor - OEM
Produkttype:	Processor
Processortype:	Intel Xeon Silver 4514Y
Antal kerner:	16-core / 32 tråde
Cache:	30 MB
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Antal processorer:	1

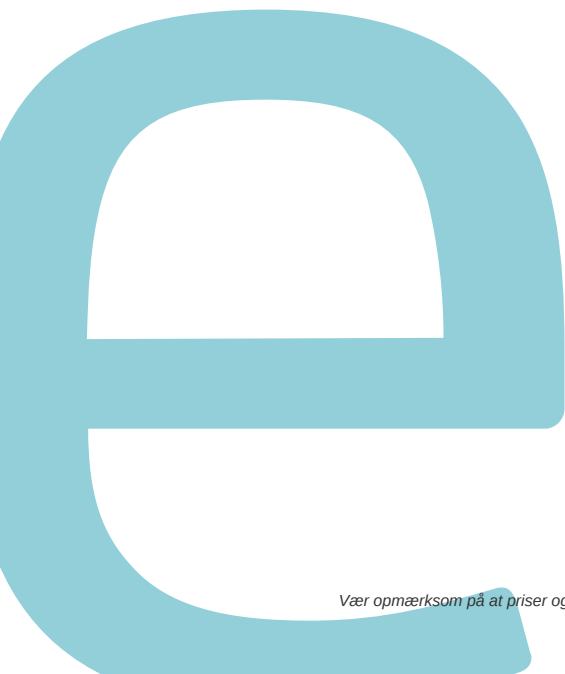
Generelt

Produkttype:	Processor	Pakketype:	OEM/bakke
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Diverse

Processor

Type / Model:	Intel Xeon Silver 4514Y
Antal kerner:	16-core
Antal tråde:	32 tråde
Cache:	30 MB
Detaljer for cache-hukommelse:	Smart Cache - 30 MB
Antal processorer:	1
Clock-frekvens:	2 GHz
Max Turbo Speed:	3.4 GHz
Kompatibel Processor Tilslutning:	FCLGA4677 Socket
Fremstillingsproces:	7 nm
Termisk designeffekt:	150 W
Termisk specifikation:	90 °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 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 Volume
Management Device (VMD), Intel
Run Sure Technology, Intel Boot
Guard, 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, 64
GB maksimum Enclave Page
Cache (EPC) størrelse til Intel
SGX, Intel Data Streaming
Accelerator (DSA), Intel
QuickAssist Software
Acceleration, 2 AVX-512 FMA
Units