

Intel Xeon Silver 4510 30MB 12/24 2,4GHz Tray

Artikelnummer	999775519
Gewicht	1kg
Länge	1mm
Breite	1mm
Höhe	1mm



Produktbeschreibung

Intel Xeon Silver 4510 2,4 GHz

Produktbeschreibung:

Kerne 12 (12C) Threads 24 Turbotakt 4,10 GHz (Turbo Boost 2.0) Basistakt 2,40 GHz TDP 150W Grafik nein Sockel Intel 4677 (LGA4677) Chipsatz-Eignung C741 Codename Emerald Rapids-SP, Plattform: Eagle Stream Architektur Raptor Cove Fertigung Intel 7 L2-Cache 24MiB (12x 2MiB) L3-Cache 30MiB Speichercontroller 8 Channel DDR5, max. 4 TB Speicherkompatibilität max. DDR5-4400 (PC5-35200, 281.6 GB/?s) ECC-Unterstützung ja SMT ja (Intel Hyper-Threading) Fernwartung nein Freier Multiplikator nein CPU-Funktionen 1x DSA default devices, AES-NI, AMX, AVX-512 (2x FMA), Boot Guard, CET, Crypto Acceleration, DL Boost, Instruction Set 64bit (Intel 64), Intel On Demand Activation Model, MBEC, OS Guard, Platform Firmware Resilience Support, QuickAssist Software Acceleration, RDT, SGX Maximum Enclave Size Support 64 GB, SGX with Intel SPS, Speed Shift, Total Memory Encryption, Total Memory Encryption - Multi Key, TSX-NI, TXT, VMD, VT-d, VT-x, VT-x EPT, XD Technische Details:

Allgemein
Produkttyp
Prozessor
Prozessor
Typ / Formfaktor
Intel Xeon Silver 4510
Anz. der Kerne

12 Kerne
Anz. der Threads
24 Threads
Cache-Speicher
30 MB
Cache-Speicher-Details
Smart Cache - 30 MB
Prozessoranz.
1
Taktfrequenz
2,4 GHz
Max. Turbo-Taktfrequenz
4,1 GHz
Geeignete Sockel
FCLGA4677 Socket
Herstellungsprozess
10 nm
Thermal Design Power (TDP)
150 W
Temperaturspezifikationen
102 °C
PCI Express Revision
5.0
Anz. PCI Express Lanes
80
Architektur-Merkmale
Enhanced SpeedStep technology, Hyper-Threading-Technologie, Unterstützung für Execute Disable Bit, 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 Speed Shift Technology, Intel Advanced Vector Extensions 512 (AVX-512), Intel Volume Management Device (VMD), Intel Deep Learning Boost (DL Boost), Intel Resource Director Technology (RDT), Intel vPro Platform Eligibility, Intel Speed Select technology - Performance Profile, 2 AVX-512 FMA-Einheiten, 64 GB max. Enclave Page Cache (EPC) Größe für Intel SGX, Intel Advanced Matrix Extensions (AMX), Intel Advanced Vector Extensions (AVX), Intel Advanced Vector Extensions 2 (AVX2.0), Intel Boot Guard, Intel Control-Flow Enforcement Technology, Intel Crypto Acceleration, Intel Data Streaming Accelerator (DSA), Intel OS Guard, Intel Platform Firmware Resilience Support, Intel QuickAssist Software Acceleration, Intel Software Guard Extensions (SGX) mit Intel SPS, Intel SSE4.2, Intel Total Memory Encryption, Intel Total Memory Encryption - Multi Key, Intel Transactional Synchronization Extensions (TSX), Intel Virtualization Technology for Directed (VT-x), Mode-based Execute Control (MBEC)
Verschiedenes
Verpackung
OEM/Tray

Produkteigenschaften

Anz. der Threads	24 Threads
Prozessornummer	4510
Max. Turbo-Taktfrequenz	4,1 GHz
Anz. der Kerne	12 Kerne
Prozessor - Typ	Xeon Silver
Geeignete Sockel	FCLGA4677 Socket
Taktfrequenz	2,4 GHz

Weitere Bilder

