



DELL Intel Xeon Silver 4410T processor 2,7 GHz 26,25 MB

Merk : DELL

Artikelcode: 338-CLWF

Productnaam : Intel Xeon Silver 4410T

Intel Xeon Silver 4410T 2.7GHz Ten Core Processor, 16GT/s, 27M Cache, Turbo, HT (150W) DDR5-4000, Customer Install

DELL Intel Xeon Silver 4410T. Processorfamilie: Intel® Xeon® Silver, Processor socket: LGA 4677 (Socket E), Processorfabrikant: Intel. Geheugen kanaal: Achtkanaals, Maximaal intern geheugen ondersteund door processor: 4 TB, Geheugentypen ondersteund door processor: DDR5-SDRAM. Marktsegment: Server, Gebruiksvoorwaarden: Industrial Commercial Temp, Server/Enterprise, Ondersteunde instructie sets: AMX, SSE4.2, AVX, AVX 2.0, AVX-512. Ondersteuning voor maximale enclavegrootte voor Intel® SGX: 64 GB, Intel® Data Streaming Accelerator (DSA): 1 default devices. Verpakkingsgrootte processor: 77.5 x 56.5 mm



Processor		Processor speciale functies	
Processorfabrikant *	Intel	Intel® Speed Shift-technologie	✓
Processorgeneratie	Intel Xeon Scalable 4th Gen	Intel® Transactional Synchronization Extensions	✓
Processormodel *	4410T	Intel® Total Memory Encryption	✓
Basisfrequentie processor *	2,7 GHz	Intel® Control-flow Enforcement Technology (CET)	✓
Processorfamilie *	Intel® Xeon® Silver	Intel® Crypto Acceleration	✓
Aantal processorkernen *	10	Ondersteuning voor Intel® Platform Firmware Resilience	✓
Processor socket *	LGA 4677 (Socket E)	Ondersteuning voor maximale enclavegrootte voor Intel® SGX	64 GB
Processor aantal threads	20	Intel® VT-x with Extended Page Tables (EPT)	✓
Systeembus	16 GT/s	Intel® OS Guard	✓
Processor operating modes *	64-bit	Intel® Software Guard Extensions (Intel® SGX)	✓
Maximale turbofrequentie van processor	4 GHz	Intel® 64	✓
Processor cache	26,25 MB	Intel® Virtualization Technology (VT-x)	✓
Thermal Design Power (TDP)	150 W	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Box *	✗	AVX-512 Fused Multiply-Add (FMA) eenheden	2
Stepping	S3	Intel® Boot Guard	✓
Codenaam processor	Sapphire Rapids	Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
ARK ID processor	232388	Intel® Speed Select-technologie - Prestatieprofiel (Intel® SST-PP)	✓
Geheugen		Intel® Resource Director-technologie (Intel® RDT)	✓
Maximaal intern geheugen ondersteund door processor	4 TB	Mode-based Execute Control (MBE)	✓
Geheugentypen ondersteund door processor	DDR5-SDRAM	Intel® QuickAssist-softwareversnelling	✓
Klokgeheugen-snelheden ondersteund door processor	4000 MHz	Intel® On Demand Feature Activation	✓
Geheugen kanaal *	Achtkanaals	Intel® Data Streaming Accelerator (DSA)	1 default devices
ECC	✓	Intel® Advanced Matrix Extensions (AMX)	✓
Grafisch		Eisen aan de omgeving	
Ingebouwde grafische adapter *	✗	Tcase	84 °C
Aparte grafische adapter *	✗	DTS Max	100 °C
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
Kenmerken			
Execute Disable Bit	✓		
Marktsegment	Server		
Gebruiksvoorwaarden	Industrial Commercial Temp, Server/Enterprise		
Maximaal aantal PCI Express-lijnen	80		
PCI Express slots versie	5.0		

Kenmerken		Technische details	
Ondersteunde instructie sets	AMX, SSE4.2, AVX, AVX 2.0, AVX-512	Lanceringsdatum	Q1'23
Schaalbaarheid	2S	Status	Launched
Ingebouwde opties beschikbaar	✓	Geheugensnelheid (max)	4000 MHz
Export Control Classification Number (ECCN)	5A992C	Aantal UPI-koppelingen	2
Commodity Classification Automated Tracking System (CCATS)	G180729	Pakketvervoerder (package carrier)	E1B
Processor speciale functies		Logistieke gegevens	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Code geharmoniseerd systeem (HS)	8542310001
Intel® Turbo Boost Technology	2.0	Gewicht en omvang	
Intel® AES New Instructions (Intel® AES-NI)	✓	Verpakkingsgrootte processor	77.5 x 56.5 mm
Intel® Trusted Execution Technology	✓	Overige specificaties	
		Maximum intern geheugen	4 TB



5397184923559

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 27-SEP-2024. Prints or copies of Information are only valid on the printed Publication date