



DELL Xeon Silver 4410Y suoritin 2 GHz 30 MB

Tuotemerkki : DELL

Tuotekoodi: 338-CLWC

Tuotteen nimi : Xeon Silver 4410Y

DELL Xeon Silver 4410Y. Suoritinperhe: Intel® Xeon Silver, Prosessorin kanta: LGA 4677 (Socket E), Suoritinvalmistaja: Intel. Muistikanavat: Octa-kanava, Prosessorin tukema suurin sisäinen muisti: 4 TB, Prosessorin tukemat muistityypit: DDR5-SDRAM. Markkinasegmentti: Palvelin, Käyttöolosuhteet: Server/Enterprise, Tuetut ohjepaketit: AMX, AVX, AVX 2.0, AVX-512, SSE4.2. Intel® SGX:n tuettu enklaavin enimmäiskoko: 64 GB, Intel® Data Streaming Accelerator (DSA): 1 default devices. Prosessorin pakkausko: 77.5 x 56.5 mm



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Speed Shift Technology	✓
Processor generation	Intel Xeon Scalable 4th Gen	Intel® Transactional Synchronization Extensions	✓
Processor model *	4410Y	Intel® Total Memory Encryption	✓
Processor base frequency *	2 GHz	Intel® Control-flow Enforcement Technology (CET)	✓
Processor family *	Intel Xeon Silver	Intel® Crypto Acceleration	✓
Processor cores *	12	Intel® Platform Firmware Resilience Support	✓
Processor socket *	LGA 4677 (Socket E)	Maximum Enclave Size Support for Intel® SGX	64 GB
Processor threads	24	Intel VT-x with Extended Page Tables (EPT)	✓
Intel® UPI Speed	16 GT/s	Intel® OS Guard	✓
Processor operating modes *	64-bit	Intel Software Guard Extensions (Intel SGX)	✓
Processor boost frequency	3.9 GHz	Intel 64	✓
Processor cache	30 MB	Intel Virtualization Technology (VT-x)	✓
Thermal Design Power (TDP)	150 W	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Stepping	S3	AVX-512 Fused Multiply-Add (FMA) units	2
Processor codename	Sapphire Rapids	Intel® Boot Guard	✓
Processor ARK ID	232376	Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Memory		Intel® Speed Select technology - Performance Profile (Intel® SST-PP)	✓
Maximum internal memory supported by processor	4 TB	Intel® Resource Director Technology (Intel® RDT)	✓
Memory types supported by processor	DDR5-SDRAM	Mode-based Execute Control (MBE)	✓
Memory clock speeds supported by processor	4000 MHz	Intel® QuickAssist Software Acceleration	✓
Memory channels *	Octa-channel	Intel® On Demand Feature Activation	✓
ECC	✓	Intel® Data Streaming Accelerator (DSA)	1 default devices
Graphics		Intel® Advanced Matrix Extensions (AMX)	✓
On-board graphics card *	✗	Operational conditions	
Discrete graphics card *	✗	Tcase	78 °C
On-board graphics card model *	Not available	DTS Max	93 °C
Discrete graphics card model *	Not available		
Features			
Execute Disable Bit	✓		
Market segment	Server		
Use conditions	Server/Enterprise		
Maximum number of PCI Express lanes	80		
PCI Express slots version	5.0		
Supported instruction sets	AMX, AVX, AVX 2.0, AVX-512, SSE4.2		

Features		Technical details	
Scalability	25	Number of UPI links	2
Embedded options available	✓	Package carrier	E1B
Processor special features		Weight & dimensions	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Processor package size	77.5 x 56.5 mm
Intel® Turbo Boost Technology	2.0	Other features	
Intel® AES New Instructions (Intel® AES-NI)	✓	Maximum internal memory	4 TB
Intel Trusted Execution Technology	✓		



5397184923542

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