



Lenovo Xeon Intel Silver 4410Y processor 2 GHz 30 MB Box

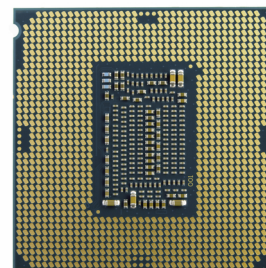
Brand : Lenovo

Product family: Xeon

Product code: 4XG7A84167

Product name : Intel Xeon
Silver 4410Y

ThinkSystem SR650 V3 Intel Xeon Silver 4410Y 12C 150W 2.0GHz Processor Option Kit w/o Fan
Lenovo Xeon Intel Silver 4410Y. Processor family: Intel® Xeon®, Processor socket: LGA 4677 (Socket E),
Package type: Box. Memory channels: Octa-channel, Maximum internal memory supported by processor:
6 TB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Use conditions:
Server/Enterprise, Supported instruction sets: AMX, SSE4.2, AVX, AVX 2.0, AVX-512. Maximum Enclave
Size Support for Intel® SGX: 64 GB. Processor package size: 77.5 x 56.5 mm



Processor		Processor special features	
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✓
Processor generation	Intel Xeon Scalable 4th Gen	Intel® Speed Shift Technology	✓
Processor model *	4410Y	Intel® Transactional Synchronization Extensions	✓
Processor base frequency *	2 GHz	Intel® Total Memory Encryption	✓
Processor family *	Intel® Xeon®	Intel® Control-flow Enforcement Technology (CET)	✓
Processor cores *	12	Intel® Crypto Acceleration	✓
Processor socket *	LGA 4677 (Socket E)	Intel® Platform Firmware Resilience Support	✓
Processor threads	24	Maximum Enclave Size Support for Intel® SGX	64 GB
System bus rate	16 GT/s	Intel VT-x with Extended Page Tables (EPT)	✓
Processor boost frequency	3.9 GHz	Intel® OS Guard	✓
Processor cache	30 MB	Intel Software Guard Extensions (Intel SGX)	✓
Thermal Design Power (TDP)	150 W	Intel 64	✓
Package type *	Box	Intel Virtualization Technology (VT-x)	✓
Stepping	S3	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor codename	Sapphire Rapids	AVX-512 Fused Multiply-Add (FMA) units	2
Processor ARK ID	232376	Intel® Boot Guard	✓
Memory		Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Maximum internal memory supported by processor	6 TB	Intel® Speed Select technology - Performance Profile (Intel® SST-PP)	✓
Memory types supported by processor	DDR4-SDRAM	Intel® Resource Director Technology (Intel® RDT)	✓
Memory channels *	Octa-channel		
ECC	✓		
Graphics			
On-board graphics card *	✗		
Discrete graphics card *	✗		
On-board graphics card model *	Not available		
Discrete graphics card model *	Not available		

Features		Processor special features	
Execute Disable Bit	✓	Mode-based Execute Control (MBE)	✓
Market segment	Server	Intel® QuickAssist Software Acceleration	✓
Use conditions	Server/Enterprise	Operational conditions	
Maximum number of PCI Express lanes	80	Tcase	78 °C
PCI Express slots version	5.0	Technical details	
Supported instruction sets	AMX, SSE4.2, AVX, AVX 2.0, AVX-512	Launch date	Q1'23
Scalability	2S	Status	Launched
Embedded options available	✓	Supported memory types	DDR4-SDRAM
Export Control Classification Number (ECCN)	5A992C	Memory speed (max)	4000 MHz
Commodity Classification Automated Tracking System (CCATS)	G180729	Number of UPI links	2
Processor special features		Logistics data	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Harmonized System (HS) code	8542310001
Intel® Turbo Boost Technology	2.0	Weight & dimensions	
Intel® AES New Instructions (Intel® AES-NI)	✓	Processor package size	77.5 x 56.5 mm
		Other features	
		Maximum internal memory	4 TB



0889488663323



889488663323

Catalog Object Cloud



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.