

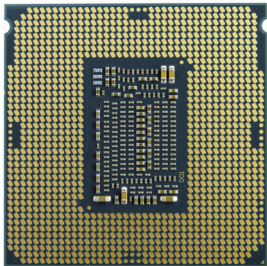


Lenovo Xeon Intel Silver 4410Y procesador 2 GHz 30 MB Caja

Marca : Lenovo Familia de productos: Xeon Código del producto: 4XG7A84167

Nombre del producto : Intel Xeon Silver 4410Y

Lenovo Xeon Intel Silver 4410Y. Familia de procesador: Intel® Xeon®, Socket de procesador: LGA 4677 (Socket E), Fabricante de procesador: Intel. Canales de memoria: Octacanal, Máxima memoria interna soportada por el procesador: 6 TB, Tipos de memoria soportados por el procesador: DDR4-SDRAM. Segmento de mercado: Servidor, Condiciones de uso: Server/Enterprise, Set de instrucciones soportadas: AMX, SSE4.2, AVX, AVX 2.0, AVX-512. Compatibilidad con el tamaño máximo del enclave para Intel® SGX: 64 GB. Tipo de empaque: Caja de promoción



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®	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)	✓
System bus rate	16 GT/s	Intel® OS Guard	✓
Processor boost frequency	3.9 GHz	Intel Software Guard Extensions (Intel SGX)	✓
Processor cache	30 MB	Intel 64	✓
Thermal Design Power (TDP)	150 W	Intel Virtualization Technology (VT-x)	✓
Box *	✓	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	6 TB	Intel® Resource Director Technology (Intel® RDT)	✓
Memory types supported by processor	DDR4-SDRAM	Mode-based Execute Control (MBE)	✓
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	✓	Intel® QuickAssist Software Acceleration	✓
Market segment	Server	Operational conditions	
Use conditions	Server/Enterprise	Tcase	78 °C
Maximum number of PCI Express lanes	80	Technical details	
PCI Express slots version	5.0	Launch date	Q1'23
Supported instruction sets	AMX, SSE4.2, AVX, AVX 2.0, AVX-512	Status	Launched
Scalability	2S	Supported memory types	DDR4-SDRAM
Embedded options available	✓	Memory speed (max)	4000 MHz
Export Control Classification Number (ECCN)	5A992C	Number of UPI links	2
Commodity Classification Automated Tracking System (CCATS)	G180729	Logistics data	
Processor special features		Harmonized System (HS) code	8542310001
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Packaging data	
Intel® Turbo Boost Technology	2.0	Package type	Retail box
Intel® AES New Instructions (Intel® AES-NI)	✓	Weight & dimensions	
Intel Trusted Execution Technology	✓	Processor package size	77.5 x 56.5 mm
		Other features	
		Maximum internal memory	4 TB



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