

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

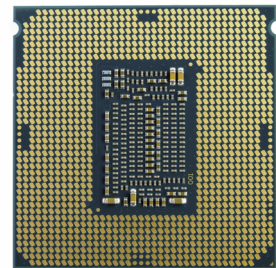
Merk : Lenovo

Productfamilie: Xeon

Artikelcode: 4XG7A84167

Productnaam : Intel Xeon Silver 4410Y

Lenovo Xeon Intel Silver 4410Y. Processorfamilie: Intel® Xeon®, Processor socket: LGA 4677 (Socket E), Type verpakking: Doos. Geheugen kanaal: Achtkanaals, Maximaal intern geheugen ondersteund door processor: 6 TB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Gebruiksvoorwaarden: Server/Enterprise, Ondersteunde instructie sets: AMX, SSE4.2, AVX, AVX 2.0, AVX-512. Ondersteuning voor maximale enclavegrootte voor Intel® SGX: 64 GB. Verpakkingsgrootte processor: 77.5 x 56.5 mm



Processor		Processor speciale functies	
Processorfabrikant *	Intel	Intel® Trusted Execution Technology	✓
Processorgeneratie	Intel Xeon Scalable 4th Gen	Intel® Speed Shift-technologie	✓
Processormodel *	4410Y	Intel® Transactional Synchronization Extensions	✓
Basisfrequentie processor *	2 GHz	Intel® Total Memory Encryption	✓
Processorfamilie *	Intel® Xeon®	Intel® Control-flow Enforcement Technology (CET)	✓
Aantal processorkernen *	12	Intel® Crypto Acceleration	✓
Processor socket *	LGA 4677 (Socket E)	Ondersteuning voor Intel® Platform Firmware Resilience	✓
Processor aantal threads	24	Ondersteuning voor maximale enclavegrootte voor Intel® SGX	64 GB
Systeembus	16 GT/s	Intel® VT-x with Extended Page Tables (EPT)	✓
Maximale turbofrequentie van processor	3,9 GHz	Intel® OS Guard	✓
Processor cache	30 MB	Intel® Software Guard Extensions (Intel® SGX)	✓
Thermal Design Power (TDP)	150 W	Intel® 64	✓
Type verpakking *	Doos	Intel® Virtualization Technology (VT-x)	✓
Stepping	S3	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Codenaam processor	Sapphire Rapids	AVX-512 Fused Multiply-Add (FMA) eenheden	2
ARK ID processor	232376	Intel® Boot Guard	✓
Geheugen		Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Maximaal intern geheugen ondersteund door processor	6 TB	Intel® Speed Select-technologie - Prestatieprofiel (Intel® SST-PP)	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM		
Geheugen kanaal *	Achtkanaals		
ECC	✓		
Grafisch			
Ingebouwde grafische adapter *	✗		
Aparte grafische adapter *	✗		
On-board graphics adapter model *	Niet beschikbaar		

Grafisch		Processor speciale functies	
Discreet grafische adapter model *	Niet beschikbaar	Intel® Resource Director-technologie (Intel® RDT)	✓
Kenmerken		Mode-based Execute Control (MBE)	✓
Execute Disable Bit	✓	Intel® QuickAssist-softwareversnelling	✓
Marktsegment	Server	Eisen aan de omgeving	
Gebruiksvoorwaarden	Server/Enterprise	Tcase	78 °C
Maximaal aantal PCI Express-lijnen	80	Technische details	
PCI Express slots versie	5.0	Lanceringsdatum	Q1'23
Ondersteunde instructie sets	AMX, SSE4.2, AVX, AVX 2.0, AVX-512	Status	Launched
Schaalbaarheid	2S	Ondersteunde geheugen types	DDR4-SDRAM
Ingebouwde opties beschikbaar	✓	Geheugensnelheid (max)	4000 MHz
Export Control Classification Number (ECCN)	5A992C	Aantal UPI-koppelingen	2
Commodity Classification Automated Tracking System (CCATS)	G180729	Logistieke gegevens	
Processor speciale functies		Code geharmoniseerd systeem (HS)	8542310001
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Gewicht en omvang	
Intel® Turbo Boost Technology	2.0	Verpakkingsgrootte processor	77.5 x 56.5 mm
Intel® AES New Instructions (Intel® AES-NI)	✓	Overige specificaties	
		Maximum intern geheugen	4 TB



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