

Fujitsu Xeon Intel Silver 4410Y processor 2 GHz 30 MB



Brand : Fujitsu

Product family: Xeon

Product code: PY-CP66XG

Product name : Intel Xeon
Silver 4410Y



Intel Xeon Silver 4410Y 12C 150W 2.0GHz

Fujitsu Xeon Intel Silver 4410Y. Processor family: Intel® Xeon®, Processor socket: LGA 4677 (Socket E), Processor manufacturer: Intel. 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	✓
Stepping	S3	Intel Virtualization Technology (VT-x)	✓
Processor codename	Sapphire Rapids	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor ARK ID	232376	AVX-512 Fused Multiply-Add (FMA) units	2
Memory		Intel® Boot Guard	✓
Maximum internal memory supported by processor	6 TB	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Memory types supported by processor	DDR4-SDRAM	Intel® Speed Select technology - Performance Profile (Intel® SST-PP)	✓
Memory channels *	Octa-channel	Intel® Resource Director Technology (Intel® RDT)	✓
ECC	✓	Mode-based Execute Control (MBE)	✓
Graphics		Intel® QuickAssist Software Acceleration	✓
On-board graphics card *	✗	Operational conditions	
Discrete graphics card *	✗	Tcase	78 °C
On-board graphics card model *	Not available	Technical details	
Discrete graphics card model *	Not available	Launch date	Q1'23
Features		Status	Launched
Execute Disable Bit	✓	Supported memory types	DDR4-SDRAM
Market segment	Server	Memory speed (max)	4000 MHz
Use conditions	Server/Enterprise	Number of UPI links	2
Maximum number of PCI Express lanes	80	Weight & dimensions	
PCI Express slots version	5.0	Processor package size	77.5 x 56.5 mm
Supported instruction sets	AMX, SSE4.2, AVX, AVX 2.0, AVX-512		
Scalability	2S		
Embedded options available	✓		
Export Control Classification Number (ECCN)	5A992C		
Commodity Classification Automated Tracking System (CCATS)	G180729		

Processor special features		Other features	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Maximum internal memory	4 TB
Intel® Turbo Boost Technology	2.0		
Intel® AES New Instructions (Intel® AES-NI)	✓		



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