



Lenovo Intel Xeon Gold 5122 processor 3,6 GHz 16,5 MB L3

Brand : Lenovo

Product code: 4XG7A07250

Product name : Intel Xeon Gold 5122

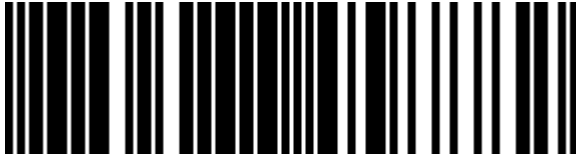
Intel Xeon Gold 5122 4C 105W 3.6GHz ThinkSystem SR570 Processor Option Kit

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For the SR570 server models that come standard with one processor, the second processor can be ordered, if required. The second processor must be of the same model as the first processor. The second processor option includes a processor, a heatsink, and two additional single-rotor system fans. Lenovo Intel Xeon Gold 5122. Processor family: Intel® Xeon® Gold, Processor socket: LGA 3647 (Socket P), Processor lithography: 14 nm. Memory channels: Hexa-channel, Maximum internal memory supported by processor: 768 GB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: AVX 2.0, AVX-512, SSE4.2, Scalability: S4S. Processor package size: 76 x 56.5 mm



Processor		Features	
Processor generation	1st Generation Intel® Xeon® Scalable	Maximum number of PCI Express lanes	48
Processor model *	5122	PCI Express slots version	3.0
Processor base frequency *	3,6 GHz	Supported instruction sets	AVX 2.0, AVX-512, SSE4.2
Processor family *	Intel® Xeon® Gold	Scalability	S4S
Processor cores *	4	Embedded options available	✗
Processor socket *	LGA 3647 (Socket P)	Processor special features	
Component for	Server/workstation	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor lithography *	14 nm	Intel® Turbo Boost Technology	2.0
Processor threads	8	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor operating modes *	64-bit	Intel Trusted Execution Technology	✓
Processor boost frequency	3,7 GHz	Intel® Speed Shift Technology	✓
Processor cache	16,5 MB	Intel TSX-NI	✓
Processor cache type	L3	Intel 64	✓
Thermal Design Power (TDP)	105 W	Intel Virtualization Technology (VT-x)	✓
Cooler included *	✓	Conflict-Free processor	✓
Memory		Intel Turbo Boost Max Technology 3.0	✗
Maximum internal memory supported by processor	768 GB	Intel® Optane™ Memory Ready	✗
Memory types supported by processor	DDR4-SDRAM	Intel® vPro™ Platform Eligibility	✓
Memory clock speeds supported by processor	2666 MHz	Operational conditions	
Memory channels *	Hexa-channel	Tcase	71 °C
ECC	✓	Weight & dimensions	
Graphics		Processor package size	76 x 56.5 mm
On-board graphics card *	✗		
Features			
Market segment	Server		



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