

Lenovo

Lenovo 4XG7A14812 suoritin 2,1 GHz 11 MB Smart Cache

Tuotemerkki : Lenovo**Tuotekoodi**: 4XG7A14812**Tuotteen nimi** : 4XG7A14812

Lenovo 4XG7A14812. Suoritinperhe: Intel® Xeon Silver, Prosessorin kanta: LGA 3647 (Socket P), Prosessorin litografia: 14 nm. Muistikanavat: Hexa-kanava, Prosessorin tukema suurin sisäinen muisti: 1 TB, Prosessorin tukemat muistityypit: DDR4-SDRAM. Markkinasegmentti: Palvelin, Tuetut ohjepaketit: AVX-512, Skaalautuvuus: 2S. Prosessorin pakkausko: 76 x 56.5 mm. Yhteensopivuus: ThinkSystem ST550



Processor		Features	
Processor generation	2nd Generation Intel® Xeon® Scalable	PCI Express slots version	3.0
Processor model *	4208	Supported instruction sets	AVX-512
Processor base frequency *	2.1 GHz	Scalability	2S
Processor family *	Intel Xeon Silver	Embedded options available	✗
Processor cores *	8	Processor special features	
Processor socket *	LGA 3647 (Socket P)	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Component for	Server/workstation	Intel® Turbo Boost Technology	2.0
Processor lithography *	14 nm	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor series	Intel Xeon Silver 4000 Series	Enhanced Intel SpeedStep Technology	✓
Processor threads	16	Intel Trusted Execution Technology	✓
Processor operating modes *	64-bit	Intel® Speed Shift Technology	✓
Processor boost frequency	3.2 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	11 MB	Intel TSX-NI	✓
Processor cache type	Smart Cache	Intel 64	✓
Thermal Design Power (TDP)	85 W	Intel Virtualization Technology (VT-x)	✓
Bus type	UPI	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor codename	Cascade Lake	Intel Turbo Boost Max Technology 3.0	✗
Memory		Intel® vPro™ Platform Eligibility	✓
Maximum internal memory supported by processor	1 TB	Operational conditions	
Memory types supported by processor	DDR4-SDRAM	Tcase	78 °C
Memory clock speeds supported by processor	2400 MHz	Logistics data	
Memory channels *	Hexa-channel	Harmonized System (HS) code	85423119
ECC	✓	Weight & dimensions	
Graphics		Processor package size	76 x 56.5 mm
On-board graphics card *	✗	Other features	
Discrete graphics card *	✗	Compatibility	ThinkSystem ST550
On-board graphics card model *	Not available		
Discrete graphics card model *	Not available		
Features			
Execute Disable Bit	✓		
Market segment	Server		
Maximum number of PCI Express lanes	48		



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