

Fujitsu Intel Xeon Silver 4114 processor 2.2 GHz 13.75 MB L3

Brand : Fujitsu

Product code: S26361-F4051-E114

Product name : Intel Xeon Silver 4114



Intel Xeon Silver 4114, 13.75M Cache, 2.2 GHz, 85 W TDP, FCLGA3647

Fujitsu Intel Xeon Silver 4114. Processor family: Intel Xeon Silver, 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, AVX 2.0, AVX-512, SSE4.2, Scalability: 2S



Processor		Features	
Processor generation	1st Generation Intel® Xeon® Scalable	Maximum number of PCI Express lanes	48
Processor model *	4114	PCI Express slots version	3.0
Processor base frequency *	2.2 GHz	Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2
Processor family *	Intel Xeon Silver	Scalability	2S
Processor cores *	10	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	20	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor operating modes *	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3 GHz	Intel Trusted Execution Technology	✓
Processor cache	13.75 MB	Intel® Speed Shift Technology	✓
Processor cache type	L3	Intel TSX-NI	✓
Thermal Design Power (TDP)	85 W	Intel 64	✓
Stepping	L0	Intel Virtualization Technology (VT-x)	✓
Processor codename	Skylake	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	2400 MHz	Operational conditions	
Memory channels *	Hexa-channel	Tcase	78 °C
ECC	✓		
Graphics			
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Market segment	Server		

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Publication date: 22-NOV-2024. Prints or copies of Information are only valid on the printed Publication date