



DELL Intel Xeon Silver 4110 processor 2.1 GHz 11 MB L3

Brand : DELL

Product code: 338-BLTT

Product name : Intel Xeon Silver 4110

Intel Xeon Silver 4110, 11M Cache, 2.1 GHz, 85W TDP, FCLGA3647

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The Intel Xeon® Silver 4110 2.1 GHz Eight Core Processor enhances the performance and the speed of your system. Additionally, the Virtualization Technology enables migration of more environments. It supports enhanced SpeedStep® technology that allows tradeoffs to be made between performance and power consumption.

Its Thermal Monitoring Technologies protect the processor package and the system from thermal failure through several thermal management features. The VT-x with Extended Page Tables (EPT) also known as Second Level Address Translation (SLAT), provides acceleration for memory intensive virtualized applications. Packed with more features, the Xeon Silver 4110 2.1 GHz Eight Core Processor is the ideal choice for virtually all of your data demanding or standard enterprise infrastructure applications.

Processor		Features	
Processor generation	1st Generation Intel® Xeon® Scalable	Scalability	2S
Processor model *	4110	Embedded options available	✓
Processor base frequency *	2.1 GHz	Processor special features	
Processor family *	Intel Xeon Silver	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores *	8	Intel® Turbo Boost Technology	2.0
Processor socket *	LGA 3647 (Socket P)	Intel® AES New Instructions (Intel® AES-NI)	✓
Component for	Server/workstation	Enhanced Intel SpeedStep Technology	✓
Processor lithography *	14 nm	Intel Trusted Execution Technology	✓
Processor series	Intel Xeon Silver 4000 Series	Intel® Speed Shift Technology	✓
Processor threads	16	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes *	64-bit	Intel TSX-NI	✓
Processor boost frequency	3 GHz	Intel 64	✓
Processor cache	11 MB	Intel Virtualization Technology (VT-x)	✓
Processor cache type	L3	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Thermal Design Power (TDP)	85 W	Intel Turbo Boost Max Technology 3.0	✗
Cooler included *	✗	Intel® Optane™ Memory Ready	✗
Stepping	U0	Intel® vPro™ Platform Eligibility	✓
Bus type	UPI	Operational conditions	
Processor codename	Skylake	Tcase	77 °C
Memory		Logistics data	
Maximum internal memory supported by processor	768 GB	Harmonized System (HS) code	85423119
Memory types supported by processor	DDR4-SDRAM	Other features	
Memory clock speeds supported by processor	2400 MHz	Compatibility	
Memory channels *	Hexa-channel	PowerEdge C6420 PowerEdge FC640 PowerEdge M640 PowerEdge R440 PowerEdge R540 PowerEdge R640 PowerEdge R740 PowerEdge R740XD PowerEdge T440 PowerEdge T640	
ECC	✓		
Graphics			
On-board graphics card *	✗		
Features			
Execute Disable Bit	✓		
Market segment	Server		
Maximum number of PCI Express lanes	48		
PCI Express slots version	3.0		
Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2		



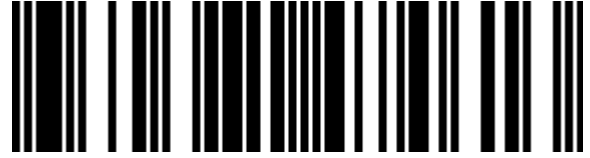
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