



## DELL Intel Xeon Gold 5115 processor 2.4 GHz 13.75 MB L3

Brand : DELL

Product code: 338-BLTX

Product name : Intel Xeon Gold 5115

Intel Xeon Gold 5115, 2.4 GHz, 13.75 MB L3



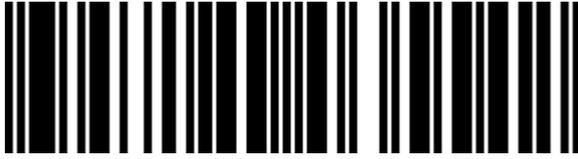
DELL Intel Xeon Gold 5115 processor 2.4 GHz 13.75 MB L3:

The Intel Xeon® Gold 5115 2.4 GHz Ten 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.

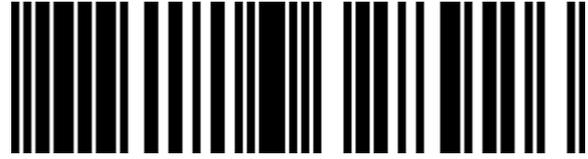
Its Thermal Monitoring Technologies protect the processor package and the system from thermal failure through several thermal management features. The VT-x with Extended Page Tables (EPT) also known as Second Level Address Translation (SLAT), provides acceleration for memory intensive virtualized applications. Packed with more features, the Xeon Gold 5115 2.4 GHz Ten Core Processor is the ideal choice for virtually all of your data demanding or standard enterprise infrastructure applications.



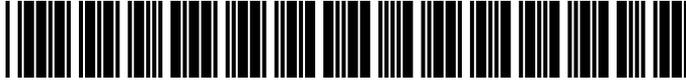
Processor		Features	
Processor generation	1st Generation Intel® Xeon® Scalable	Maximum number of PCI Express lanes	48
Processor model *	5115	PCI Express slots version	3.0
Processor base frequency *	2.4 GHz	Supported instruction sets	AVX, AVX 2.0, AVX-512, SSE4.2
Processor family *	Intel® Xeon® Gold	Scalability	S45
Processor cores *	10	Embedded options available	✗
Processor socket *	LGA 3647 (Socket P)	<b>Processor special features</b>	
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	3.2 GHz	Intel Trusted Execution Technology	✓
Processor cache	13.75 MB	Intel® Speed Shift Technology	✓
Processor cache type	L3	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	85 W	Intel TSX-NI	✓
Stepping	H0	Intel 64	✓
<b>Memory</b>		Intel Virtualization Technology (VT-x)	✓
Maximum internal memory supported by processor	768 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory types supported by processor	DDR4-SDRAM	Conflict-Free processor	✓
Memory clock speeds supported by processor	2666 MHz	Intel Turbo Boost Max Technology 3.0	✗
Memory channels *	Hexa-channel	Intel® Optane™ Memory Ready	✗
ECC	✓	Intel® vPro™ Platform Eligibility	✓
<b>Graphics</b>		<b>Operational conditions</b>	
On-board graphics card *	✗	Tcase	76 °C
Discrete graphics card *	✗		
On-board graphics card model *	Not available		
Discrete graphics card model *	Not available		
<b>Features</b>			
Execute Disable Bit	✓		
Market segment	Server		



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