



DELL Xeon Silver 4208 processor 2.1 GHz 11 MB

Brand : DELL

Product family: Xeon

Product code: 338-BSVU

Product name : Xeon Silver 4208

Intel Xeon Silver 4208 (11M Cache, 2.10 GHz)

DELL Xeon Silver 4208. 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: 1024 GB, Memory types supported by processor: DDR4-SDRAM. Market segment: Server, Supported instruction sets: AVX-512, Scalability: 2S. Processor package size: 76.0 x 56.5 mm. Compatibility: - PowerEdge C6420 - PowerEdge FC640 - PowerEdge M640 - PowerEdge M640 VRTX - PowerEdge MX740C -...



Processor		Processor special features	
Processor generation	2nd Generation Intel® Xeon® Scalable	Intel® Speed Shift Technology	✓
Processor model *	4208	Intel VT-x with Extended Page Tables (EPT)	✓
Processor base frequency *	2.1 GHz	Intel TSX-NI	✓
Processor family *	Intel Xeon Silver	Intel 64	✓
Processor cores *	8	Intel Virtualization Technology (VT-x)	✓
Processor socket *	LGA 3647 (Socket P)	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Component for	Server/workstation	Intel Turbo Boost Max Technology 3.0	✗
Processor lithography *	14 nm	AVX-512 Fused Multiply-Add (FMA) units	1
Processor threads	16	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Processor operating modes *	64-bit	Intel® Speed Select technology - Performance Profile (Intel® SST-PP)	✗
Processor boost frequency	3.2 GHz	Intel® Resource Director Technology (Intel® RDT)	✓
Processor cache	11 MB	Intel® Volume Management Device (VMD)	✓
Thermal Design Power (TDP)	85 W	Intel® Run Sure Technology	✗
Processor codename	Cascade Lake	Mode-based Execute Control (MBE)	✓
Processor ARK ID	193390	Intel® Optane™ DC Persistent Memory Supported	✗
Memory		Intel® vPro™ Platform Eligibility	✓
Maximum internal memory supported by processor	1024 GB	Intel Speed Select Technology (SST)	✗
Memory types supported by processor	DDR4-SDRAM	Intel® Speed Select Technology - Base Frequency (Intel® SST-BF)	✗
Memory clock speeds supported by processor	2400 MHz	Intel® Optane™ DC Persistent Memory technology	✗
Memory channels *	Hexa-channel	Operational conditions	
ECC	✓	Tcase	78 °C
Graphics		Technical details	
On-board graphics card *	✗	Launch date	Q2'19
Discrete graphics card *	✗	Product type	Processor
On-board graphics card model *	Not available	Status	Launched
Discrete graphics card model *	Not available	Memory speed (max)	2400 MHz
Features		Number of UPI links	2
Execute Disable Bit	✓	Weight & dimensions	
Market segment	Server	Processor package size	76.0 x 56.5 mm
Maximum number of PCI Express lanes	48		
PCI Express slots version	3.0		
Supported instruction sets	AVX-512		
Scalability	2S		
Embedded options available	✗		
PCI Express CEM revision	3.0		

Features		Other features	
Harmonized System (HS) code	85423119		
Processor special features			
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Compatibility	- PowerEdge C6420 - PowerEdge FC640 - PowerEdge M640 - PowerEdge M640 VRTX - PowerEdge MX740C - PowerEdge R440 - PowerEdge R540 - PowerEdge R640 - PowerEdge R740 - PowerEdge R740XD - PowerEdge T440 - PowerEdge T640 - PowerEdge XR2
Intel® Turbo Boost Technology	2.0		
Intel® AES New Instructions (Intel® AES-NI)	✓		
Enhanced Intel SpeedStep Technology	✓		
Intel Trusted Execution Technology	✓		



5397184376188

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.