



## DELL Xeon Silver 4208 processor 2,1 GHz 11 MB

Merk : DELL

Productfamilie: Xeon

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Productnaam : Xeon Silver 4208



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

DELL Xeon Silver 4208. Processorfamilie: Intel® Xeon® Silver, Processor socket: LGA 3647 (Socket P), Processor lithografie: 14 nm. Geheugen kanaal: Zeskanaals, Maximaal intern geheugen ondersteund door processor: 1,02 TB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Ondersteunde instructie sets: AVX-512, Schaalbaarheid: 2S. Verpakkingsgrootte processor: 76.0 x 56.5 mm. Compatibiliteit: - PowerEdge C6420 - PowerEdge FC640 - PowerEdge M640 - PowerEdge M640 VRTX - PowerEdge MX740C -...



| Processor   |                                      | Processor speciale functies  |           |
|---|--------------------------------------|--|-----------|
| Processorgeneratie                                  | 2e generatie Intel® Xeon® schaalbaar | Intel® Speed Shift-technologie                                     | ✓         |
| Processormodel *                                    | 4208                                 | Intel® VT-x with Extended Page Tables (EPT)                        | ✓         |
| Basisfrequentie processor *                         | 2,1 GHz                              | Intel® TSX-NI  | ✓         |
| Processorfamilie *                                  | Intel® Xeon® Silver                  | Intel® 64  | ✓         |
| Aantal processorkernen *                            | 8                                    | Intel® Virtualization Technology (VT-x)                            | ✓         |
| Processor socket *                                  | LGA 3647 (Socket P)                  | Intel® Virtualization Technology for Directed I/O (VT-d)           | ✓         |
| Component voor                                      | Server/werkplaats                    | Intel® Turbo Boost Max Technology 3.0                              | ✗         |
| Processor lithografie *                             | 14 nm                                | AVX-512 Fused Multiply-Add (FMA) eenheden                          | 1         |
| Processor aantal threads                            | 16                                   | Intel® Deep Learning Boost (Intel® DL Boost) on CPU                | ✓         |
| Processor operating modes *                         | 64-bit                               | Intel® Speed Select-technologie - Prestatieprofiel (Intel® SST-PP) | ✗         |
| Maximale turbofrequentie van processor              | 3,2 GHz                              | Intel® Resource Director-technologie (Intel® RDT)                  | ✓         |
| Processor cache                                     | 11 MB                                | Intel® Volume Management Device (VMD)                              | ✓         |
| Thermal Design Power (TDP)                          | 85 W                                 | Intel® Run Sure-technologie  | ✗         |
| Codenaam processor                                  | Cascade Lake                         | Mode-based Execute Control (MBE)                                   | ✓         |
| ARK ID processor                                    | 193390                               | Intel® Optane™ DC Persistent Memory ondersteunt                    | ✗         |
| <b>Geheugen</b>                                     |                                      | Intel® vPro™ Platform Eligibility                                  | ✓         |
| Maximaal intern geheugen ondersteund door processor | 1,02 TB                              | Intel Speed Select-technologie (SST)                               | ✗         |
| Geheugentypen ondersteund door processor            | DDR4-SDRAM                           | Intel® Speed Select-technologie - Basisfrequentie (Intel® SST-BF)  | ✗         |
| Klokgeheugen-snelheden ondersteund door processor   | 2400 MHz                             | Intel® Optane™ DC Persistent Memory-technologie                    | ✗         |
| Geheugen kanaal *                                   | Zeskanaals                           | <b>Eisen aan de omgeving</b>                                       |           |
| ECC   | ✓                                    | Tcase  | 78 °C     |
| <b>Grafisch</b>                                     |                                      | <b>Technische details</b>  |           |
| Ingebouwde grafische adapter *                      | ✗                                    | Lanceringsdatum  | Q2'19     |
| Aparte grafische adapter *                          | ✗                                    | Type product   | Processor |
| On-board graphics adapter model *                   | Niet beschikbaar                     | Status   | Launched  |
| Discreet grafische adapter model *                  | Niet beschikbaar                     | Geheugensnelheid (max)   | 2400 MHz  |
| <b>Kenmerken</b>                                    |                                      | Aantal UPI-koppelingen   | 2         |
| Execute Disable Bit                                 | ✓                                    | <b>Logistieke gegevens</b>   |           |
| Marktsegment  | Server                               | Code geharmoniseerd systeem (HS)                                   | 85423119  |
| Maximaal aantal PCI Express-lijnen                  | 48                                   |  |           |
| PCI Express slots versie                            | 3.0                                  |  |           |
| Ondersteunde instructie sets                        | AVX-512                              |  |           |
| Schaalbaarheid                                      | 2S                                   |  |           |
| Ingebouwde opties beschikbaar                       | ✗                                    |  |           |
| PCI Express CEM revisie                             | 3.0                                  |  |           |

| Processor speciale functies                              |     | Gewicht en omvang            |  |
|--|-----|------------------------------|--|
| Intel® Hyper Threading Technology (Intel® HT Technology) | ✓   | Verpakkingsgrootte processor | 76.0 x 56.5 mm   |
| Intel® Turbo Boost Technology                            | 2.0 | <b>Overige specificaties</b> |  |
| Intel® AES New Instructions (Intel® AES-NI)              | ✓   | Compatibiliteit              | - 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 |
| Enhanced Intel SpeedStep Technology                      | ✓   |                              |  |
| Intel® Trusted Execution Technology                      | ✓   |                              |  |



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