# Lenovo Intel Xeon Gold 5220R Prozessor 2,2 GHz 35,75 MB




**Marke :** Lenovo

**Artikel-Code:** 4XG7A37974

**Produktname :** Intel Xeon Gold 5220R

Lenovo Intel Xeon Gold 5220R. Prozessorfamilie: Intel® Xeon® Gold, Prozessorsockel: LGA 3647 (Socket P), Prozessor Lithografie: 14 nm. Speicherkanäle: Hexa-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 1 TB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: AVX, AVX 2.0, AVX-512, SSE4.2, Skalierbarkeit: 2S. Prozessor-Paketgröße: 76 x 56.5 mm. Kompatibilität: ThinkSystem SR590/SR650

| Prozessor | |
|---|---|
| Prozessorgeneration | Skalierbare Intel® Xeon® der 2. Generation |
| Prozessor * | 5220R |
| Grundfrequenz des Prozessors * | 2,2 GHz |
| Prozessorfamilie * | Intel® Xeon® Gold |
| Anzahl Prozessorkerne * | 24 |
| Prozessorsockel * | LGA 3647 (Socket P) |
| Komponente für | Server/Arbeitsstation |
| Prozessor Lithografie * | 14 nm |
| Prozessor-Threads | 24 |
| Prozessorbetriebsmodi * | 64-Bit |
| Prozessor Boost-Frequenz | 4 GHz |
| Prozessor-Cache | 35,75 MB |
| Thermal Design Power (TDP) | 150 W |
| Kühler enthalten * | ✗ |
| Bus Typ | UPI |
| Anzahl der QPI links | 2 |
| Prozessor Codename | Cascade Lake |

| Speicher | |
|---|---|
| Maximaler interner Speicher, vom Prozessor unterstützt | 1 TB |
| Speichertypen, vom Prozessor unterstützt | DDR4-SDRAM |
| Speichertaktraten, vom Prozessor unterstützt | 2667 MHz |
| Speicherkanäle * | Hexa-Kanal |
| ECC | ✓ |

| Grafik | |
|---|---|
| Eingebaute Grafikadapter * | ✗ |
| Separater Grafikadapter * | ✗ |
| Eingebautes Grafikkartenmodell * | Nicht verfügbar |
| Separates Grafikkartenmodell * | Nicht verfügbar |

| Merkmale | |
|---|---|
| Execute Disable Bit | ✓ |
| Marktsegment | Server |
| Maximale Anzahl der PCI-Express-Lanes | 48 |
| PCI-Express-Slots-Version | 3.0 |
| Unterstützte Befehlssätze | AVX, AVX 2.0, AVX-512, SSE4.2 |
| Skalierbarkeit | 2S |

| Prozessor Besonderheiten | |
|---|---|
| Intel® Hyper-Threading-Technik (Intel® HT Technology) | ✓ |
| Intel® Turbo-Boost-Technologie | 2.0 |
| Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Verbesserte Intel SpeedStep Technologie | ✓ |
| Intel® Trusted-Execution-Technik | ✓ |
| Intel®-Speed-Shift-Technologie | ✓ |
| Intel® VT-x mit Extended Page Tables (EPT) | ✓ |
| Intel® 64 | ✓ |
| Intel® Virtualization Technologie (VT-X) | ✓ |
| Intel® Virtualisierungstechnik für direkte I/O (VT-d) | ✓ |
| Intel Turbo Boost Max Technology 3.0 | ✗ |
| AVX-512 Abgesicherte Multiply-Add (FMA) Einheiten | 1 |
| Intel® Deep Learning Boost (Intel® DL Boost) on CPU | ✓ |
| Intel® Speed Select-Technologie - Leistungsprofil (Intel® SST-PP) | ✗ |
| Intel® Volume Management Device (VMD) | ✓ |
| Intel® Optane™ DC Persistent Memory unterstützt | ✓ |
| Intel® vPro™ Platform Eligibility | ✓ |
| Intel® Speed Select Technology - Base Frequency (Intel® SST-BF) | ✗ |

| Betriebsbedingungen | |
|---|---|
| Tcase | 86 °C |

| Gewicht und Abmessungen | |
|---|---|
| Prozessor-Paketgröße | 76 x 56.5 mm |

| Sonstige Funktionen | |
|---|---|
| Kompatibilität | ThinkSystem SR590/SR650 |

| Merkmale | |
|---|---|
| Eingebettete Optionen verfügbar | ✕ |

0889488507849

889488507849

8894885078498

**Catalog Object Cloud**

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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 19-NOV-2026. Prints or copies of Information are only valid on the printed Publication date