Lenovo Intel Xeon Gold 6338N Prozessor 2,2 GHz 48 MB

Marke : Lenovo

Artikel-Code: 4XG7A72941

Produktname : Intel Xeon Gold 6338N

Lenovo Intel Xeon Gold 6338N. Prozessorfamilie: Intel® Xeon® Gold, Prozessorsockel: LGA 4189, Prozessor Lithografie: 10 nm. Speicherkanäle: Okta-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 6 TB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: AVX, AVX 2.0, AVX-512, SSE4.2, Skalierbarkeit: 2S

Prozessor	
Prozessorhersteller *	Intel
Prozessorgeneration	Skalierbare Intel® Xeon® der 3. Generation
Prozessor *	6338N
Grundfrequenz des Prozessors *	2,2 GHz
Prozessorfamilie *	Intel® Xeon® Gold
Anzahl Prozessorkerne *	32
Prozessorsockel *	LGA 4189
Prozessor Lithografie *	10 nm
Prozessor-Serien	Intel Xeon Gold 6000 Series
Prozessor-Threads	64
Prozessorbetriebsmodi *	64-Bit
Prozessor Boost-Frequenz	3,5 GHz
Kerne mit hoher Priorität	18
Frequenz des Kerns mit hoher Priorität	2,4 GHz
Kerne mit niedriger Priorität	14
Frequenz des Kerns mit niedriger Priorität	1,9 GHz
Prozessor-Cache	48 MB
Thermal Design Power (TDP)	185 W
Kühler enthalten *	✗
Bus Typ	UPI
Prozessor Codename	Ice Lake

Speicher	
Maximaler interner Speicher, vom Prozessor unterstützt	6 TB
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM
Speichertaktraten, vom Prozessor unterstützt	2667 MHz
Speicherkanäle *	Okta-Kanal
ECC	✓

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

Prozessor Besonderheiten	
Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓
Intel® Turbo-Boost-Technologie	2.0
Intel® AES New Instructions (Intel® AES-NI)	✓
Intel® Trusted-Execution-Technik	✓
Intel®-Speed-Shift-Technologie	✓
Intel® Transactional Synchronization Extensions	✓
Intel® Total Memory Encryption	✓
Intel® Crypto-Beschleunigung	✓
Unterstützung der Intel® Plattform-Firmware Resilience	✓
Intel® VT-x mit Extended Page Tables (EPT)	✓
Intel® Software Guard Extensions (Intel® SGX)	✓
Intel® 64	✓
Intel® Virtualization Technologie (VT-X)	✓
Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Intel® Optane™ Memory-bereit	✓
AVX-512 Abgesicherte Multiply-Add (FMA) Einheiten	2
Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✓
Intel® Resource Director Technology (Intel® RDT)	✓
Intel® Volume Management Device (VMD)	✓
Intel® Run Sure Technology	✓
Modusbasierte Execute Control (MBE)	✓
Intel® Optane™ DC Persistent Memory unterstützt	✓
Intel® Speed Select Technology - Base Frequency (Intel® SST-BF)	✓
Intel® Speed Select-Technologie – Kernleistung	✓
Intel® Speed Select-Technologie – Turbofrequenz	✓

Merkmale	
Execute Disable Bit	✔
Marktsegment	Server
Maximale Anzahl der PCI-Express-Lanes	64
PCI-Express-Slots-Version	4.0
Unterstützte Befehlssätze	AVX, AVX 2.0, AVX-512, SSE4.2
Skalierbarkeit	2S
Eingebettete Optionen verfügbar	✔

Betriebsbedingungen	
Tcase	83 °C

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