Lenovo Intel Xeon Gold 5515+ Prozessor 3,2 GHz 22,5 MB Einschub

Marke : Lenovo **Artikel-Code:** 4XG7A91467

Produktname : Intel Xeon Gold 5515+

Lenovo Intel Xeon Gold 5515+. Prozessorfamilie: Intel® Xeon® Gold, Prozessorsockel: LGA 4677 (Socket E), Verpackungsart: Einschub. Speicherkanäle: Okta-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 4 TB, Speichertypen, vom Prozessor unterstützt: DDR5-SDRAM. Marktsegment: Server, Nutzungsbedingungen: Server/Enterprise, Unterstützte Befehlssätze: AMX, AVX, AVX 2.0, AVX-512, SSE4.2. Unterstützung der maximalen Enklavengröße für Intel® SGX: 128 GB, Intel® QuickAssist-Technologie (QAT): 1 default devices, Intel® Dynamic Load Balancer (DLB): 1 default devices. RAM-Speicher maximal: 4 TB

Prozessor	
Prozessorhersteller *	Intel
Prozessorgeneration	Intel Xeon Scalable 5th Gen
Prozessor *	5515+
Grundfrequenz des Prozessors *	3,2 GHz
Prozessorfamilie *	Intel® Xeon® Gold
Anzahl Prozessorkerne *	8
Prozessorsockel *	LGA 4677 (Socket E)
Prozessor-Serien	Intel Xeon Gold 5000 Series
Prozessor-Threads	16
Intel® UPI-Geschwindigkeit	20 GT/s
Prozessorbetriebsmodi *	64-Bit
Prozessor Boost-Frequenz	4,1 GHz
Kerne mit hoher Priorität	2
Frequenz des Kerns mit hoher Priorität	3,3 GHz
Kerne mit niedriger Priorität	6
Frequenz des Kerns mit niedriger Priorität	3,2 GHz
Prozessor-Cache	22,5 MB
Thermal Design Power (TDP)	165 W
Verpackungsart *	Einschub
Kühler enthalten *	✗
Stepping	R1
Prozessor Codename	Emerald Rapids
ARK Prozessorerkennung	237562

Speicher	
Maximaler interner Speicher, vom Prozessor unterstützt	4 TB
Speichertypen, vom Prozessor unterstützt	DDR5-SDRAM
Speicherkanäle *	Okta-Kanal
ECC	✓

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

Merkmale	
Execute Disable Bit	✓

Prozessor Besonderheiten	
Intel® Transactional Synchronization Extensions	✓
Intel® Total Memory Encryption	✓
Intel® Control-flow Enforcement Technology (CET)	✓
Intel® Crypto-Beschleunigung	✓
Unterstützung der Intel® Plattform-Firmware Resilience	✓
Unterstützung der maximalen Enklavengröße für Intel® SGX	128 GB
Intel® VT-x mit Extended Page Tables (EPT)	✓
Intel® OS Guard	✓
Intel® Software Guard Extensions (Intel® SGX)	✓
Intel® 64	✓
Intel® Virtualization Technologie (VT-X)	✓
Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
AVX-512 Abgesicherte Multiply-Add (FMA) Einheiten	2
Intel® Boot Guard	✓
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® Speed Select Technology - Base Frequency (Intel® SST-BF)	✓
Intel® Total Memory Encryption - Multi Key	✓
Intel® QuickAssist Software Acceleration	✓
Aktivierung von Intel® On Demand-Funktionen	✓
Intel® QuickAssist-Technologie (QAT)	1 default devices
Intel® Dynamic Load Balancer (DLB)	1 default devices

Merkmale	
Marktsegment	Server
Nutzungsbedingungen	Server/Enterprise
Maximale Anzahl der PCI-Express-Lanes	80
PCI-Express-Slots-Version	5.0
Unterstützte Befehlssätze	AMX, AVX, AVX 2.0, AVX-512, SSE4.2
Skalierbarkeit	2S
Eingebettete Optionen verfügbar	✔
Exportkontroll-Klassifizierungsnummer (ECCN)	5A992C
Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS)	740.17B1

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	✔

Prozessor Besonderheiten	
Intel® Data Streaming Accelerator (DSA)	1 default devices
Intel® In-memory Analytics Accelerator (IAA)	1 default devices
Intel® Advanced Matrix Extensions (AMX)	✔
Intel® Speed Select-Technologie – Kernleistung	✔
Intel® Speed Select-Technologie – Turbofrequenz	✔

Betriebsbedingungen	
Tcase	76 °C
DTS Max	98 °C

Technische Details	
Startdatum	Q4'23
Status	Launched
Anzahl der UPI-Links	3
Paketträger	E1B
Instandhaltungsstatus	Baseline Servicing

Logistikdaten	
Warentarifnummer (HS)	8542310001

Sonstige Funktionen	
RAM-Speicher maximal	4 TB

0889488717743

889488717743

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