Lenovo Intel Xeon Gold 5315Y Prozessor 3,2 GHz 12 MB

Marke : Lenovo

Artikel-Code: 4XG7A63565

Produktname : Intel Xeon Gold 5315Y

Lenovo Intel Xeon Gold 5315Y. Prozessorfamilie: Intel® Xeon® Gold, Prozessorsockel: LGA 4189, Prozessor Lithografie: 10 nm. Speicherkanäle: Okta-Kanal, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: SSE4.2, AVX, AVX 2.0, AVX-512, Skalierbarkeit: 2S. Unterstützung der maximalen Enklavengröße für Intel® SGX: 64 GB. RAM-Speicher maximal: 6 TB

Prozessor	
Prozessorhersteller *	Intel
Prozessorgeneration	Skalierbare Intel® Xeon® der 3. Generation
Prozessor *	5315Y
Grundfrequenz des Prozessors *	3,2 GHz
Prozessorfamilie *	Intel® Xeon® Gold
Anzahl Prozessorkerne *	8
Prozessorsockel *	LGA 4189
Komponente für	Server/Arbeitsstation
Prozessor Lithografie *	10 nm
Prozessor-Serien	Intel Xeon Gold 5000 Series
Prozessor-Threads	16
Systembus-Rate	11,2 GT/s
Prozessorbetriebsmodi *	64-Bit
Prozessor Boost-Frequenz	3,6 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	2,6 GHz
Prozessor-Cache	12 MB
Thermal Design Power (TDP)	140 W
Prozessor Codename	Ice Lake
ARK Prozessorerkennung	215286

Speicher	
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM
Speicherkanäle *	Okta-Kanal
ECC	✔

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

Merkmale	
Execute Disable Bit	✔
Marktsegment	Server

Prozessor Besonderheiten	
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	✔
Unterstützung der maximalen Enklavengröße für Intel® SGX	64 GB
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)	✔
AVX-512 Abgesicherte Multiply-Add (FMA) Einheiten	2
Intel® Deep Learning Boost (Intel® DL Boost) on CPU	✔
Intel® Speed Select-Technologie - Leistungsprofil (Intel® SST-PP)	✔
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	✔

Betriebsbedingungen	
Tcase	81 °C

Technische Details	
Zielmarkt	Cloud Computing
Startdatum	Q2'21

Merkmale	
Maximale Anzahl der PCI-Express-Lanes	64
PCI-Express-Slots-Version	4.0
Unterstützte Befehlssätze	SSE4.2, AVX, AVX 2.0, AVX-512
Skalierbarkeit	2S
Eingebettete Optionen verfügbar	✔
Exportkontroll-Klassifizierungsnummer (ECCN)	5A992CN3
Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS)	G178966

Prozessor Besonderheiten	
Intel® Hyper-Threading-Technik (Intel® HT Technology)	✔

Technische Details	
Status	Launched
Unterstützte Arbeitsspeicher	DDR4-SDRAM
Speichergeschwindigkeit (max.)	2933 MHz
Anzahl der UPI-Links	3
Instandhaltungsstatus	Baseline Servicing

Logistikdaten	
Warentarifnummer (HS)	85423119

Sonstige Funktionen	
RAM-Speicher maximal	6 TB



0889488571994



889488571994

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