Lenovo 4XG7A37919 Prozessor 3 GHz 11 MB Smart Cache



Marke : Lenovo

Artikel-Code: 4XG7A37919

Produktname : 4XG7A37919

Lenovo 4XG7A37919. 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-512, Skalierbarkeit: 4S. Prozessor-Paketgröße: 76 x 56.5 mm. Kompatibilität: ThinkSystem SR550, ThinkSystem SR590, ThinkSystem SR650

Prozessor	
Prozessorhersteller *	Intel
Prozessorgeneration	Skalierbare Intel® Xeon® der 2. Generation
Prozessor *	5217
Grundfrequenz des Prozessors *	3 GHz
Prozessorfamilie *	Intel® Xeon® Gold
Anzahl Prozessorkerne *	8
Prozessorsockel *	LGA 3647 (Socket P)
Komponente für	Server/Arbeitsstation
Prozessor Lithografie *	14 nm
Prozessor-Serien	Intel Xeon Gold 5000 Series
Prozessor-Threads	16
Prozessorbetriebsmodi *	64-Bit
Prozessor Boost-Frequenz	3,7 GHz
Prozessor-Cache	11 MB
Prozessor Cache Typ	Smart Cache
Thermal Design Power (TDP)	115 W
Bus Typ	UPI
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

Merkmale	
PCI-Express-Slots-Version	3.0
Unterstützte Befehlssätze	AVX-512
Skalierbarkeit	4S
Eingebettete Optionen verfügbar	✘

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® TSX-NI	✔
Intel® 64	✔
Intel® Virtualization Technologie (VT-X)	✔
Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✔
Intel Turbo Boost Max Technology 3.0	✔
Intel® vPro™ Platform Eligibility	✔

Betriebsbedingungen	
Tcase	79 °C

Logistikdaten	
Warentarifnummer (HS)	85423119

Gewicht und Abmessungen	
Prozessor-Paketgröße	76 x 56.5 mm

Sonstige Funktionen	
Kompatibilität	ThinkSystem SR550, ThinkSystem SR590, ThinkSystem SR650



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Catalog Object Cloud



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