

Lenovo 4XG7A14812 Prozessor 2,1 GHz 11 MB Smart Cache

Marke : Lenovo

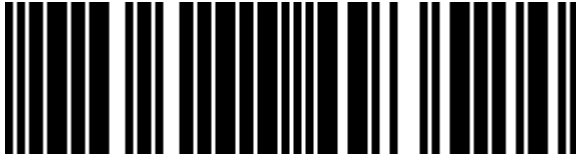
Artikel-Code: 4XG7A14812

Produktname : 4XG7A14812

Lenovo 4XG7A14812. Prozessorfamilie: Intel® Xeon Silver, 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: 2S. Prozessor-Paketgröße: 76 x 56.5 mm. Kompatibilität: ThinkSystem ST550



Prozessor		Merkmale	
Prozessorgeneration	Skalierbare Intel® Xeon® der 2. Generation	PCI-Express-Slots-Version	3.0
Prozessor *	4208	Unterstützte Befehlssätze	AVX-512
Grundfrequenz des Prozessors *	2,1 GHz	Skalierbarkeit	2S
Prozessorfamilie *	Intel® Xeon Silver	Eingebettete Optionen verfügbar	✗
Anzahl Prozessorkerne *	8	Prozessor Besonderheiten	
Prozessorsockel *	LGA 3647 (Socket P)	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓
Komponente für	Server/Arbeitsstation	Intel® Turbo-Boost-Technologie	2.0
Prozessor Lithografie *	14 nm	Intel® AES New Instructions (Intel® AES-NI)	✓
Prozessor-Serien	Intel Xeon Silver 4000 Series	Verbesserte Intel SpeedStep Technologie	✓
Prozessor-Threads	16	Intel® Trusted-Execution-Technik	✓
Prozessorbetriebsmodi *	64-Bit	Intel® -Speed-Shift-Technologie	✓
Prozessor Boost-Frequenz	3,2 GHz	Intel® VT-x mit Extended Page Tables (EPT)	✓
Prozessor-Cache	11 MB	Intel® TSX-NI	✓
Prozessor Cache Typ	Smart Cache	Intel® 64	✓
Thermal Design Power (TDP)	85 W	Intel® Virtualization Technologie (VT-X)	✓
Bus Typ	UPI	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Prozessor Codename	Cascade Lake	Intel Turbo Boost Max Technology 3.0	✗
Speicher		Intel® vPro™ Platform Eligibility	✓
Maximaler interner Speicher, vom Prozessor unterstützt	1 TB	Betriebsbedingungen	
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM	Tcase	78 °C
Speichertaktraten, vom Prozessor unterstützt	2400 MHz	Logistikdaten	
Speicherkanäle *	Hexa-Kanal	Warentarifnummer (HS)	85423119
ECC	✓	Gewicht und Abmessungen	
Grafik		Prozessor-Paketgröße	76 x 56.5 mm
Eingebaute Grafikkarten *	✗	Sonstige Funktionen	
Separater Grafikkarten *	✗	Kompatibilität	ThinkSystem ST550
Eingebautes Grafikkartenmodell *	Nicht verfügbar		
Separates Grafikkartenmodell *	Nicht verfügbar		
Merkmale			
Execute Disable Bit	✓		
Marktsegment	Server		
Maximale Anzahl der PCI-Express-Lanes	48		



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