Lenovo Intel Xeon Gold 5118 Prozessor 2,3 GHz 16,5 MB L3

Marke : Lenovo

Artikel-Code: 7XG7A05536

Produktname : Intel Xeon Gold 5118

Lenovo Intel Xeon Gold 5118. Prozessorfamilie: Intel® Xeon® Gold, Prozessorsockel: LGA 3647 (Socket P), Prozessor Lithografie: 14 nm. Speicherkanäle: Hexa-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 768 GB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Skalierbarkeit: S4S. Prozessor-Paketgröße: 76 x 56.5 mm. Kompatibilität: Lenovo ThinkSystem SR630

Prozessor	
Prozessorhersteller *	Intel
Prozessorgeneration	Skalierbare Intel® Xeon®
Prozessor *	5118
Grundfrequenz des Prozessors *	2,3 GHz
Prozessorfamilie *	Intel® Xeon® Gold
Anzahl Prozessorkerne *	12
Prozessorsockel *	LGA 3647 (Socket P)
Komponente für	Server/Arbeitsstation
Prozessor Lithografie *	14 nm
Prozessor-Threads	24
Prozessorbetriebsmodi *	64-Bit
Prozessor Boost-Frequenz	3,2 GHz
Prozessor-Cache	16,5 MB
Prozessor Cache Typ	L3
Thermal Design Power (TDP)	105 W
Prozessor Codename	Skylake

Speicher	
Maximaler interner Speicher, vom Prozessor unterstützt	768 GB
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM
Speichertaktraten, vom Prozessor unterstützt	2400 MHz
Speicherkanäle *	Hexa-Kanal
ECC	✓

Grafik	
Eingebaute Grafikadapter *	✗

Merkmale	
Marktsegment	Server
Maximale Anzahl der PCI-Express-Lanes	48
PCI-Express-Slots-Version	3.0

Merkmale	
Skalierbarkeit	S4S
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)	✓
Intel® Trusted-Execution-Technik	✓
Intel®-Speed-Shift-Technologie	✓
Intel® TSX-NI	✓
Intel® 64	✓
Intel® Virtualization Technologie (VT-X)	✓
Konfliktloser-Prozessor	✓
Intel Turbo Boost Max Technology 3.0	✗
Intel® Optane™ Memory-bereit	✗
Intel® vPro™ Platform Eligibility	✓

Betriebsbedingungen	
Tcase	81 °C

Logistikdaten	
Warentarifnummer (HS)	85423119

Gewicht und Abmessungen	
Prozessor-Paketgröße	76 x 56.5 mm

Sonstige Funktionen	
Kompatibilität	Lenovo ThinkSystem SR630

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Publication date: 19-NOV-2026. Prints or copies of Information are only valid on the printed Publication date