



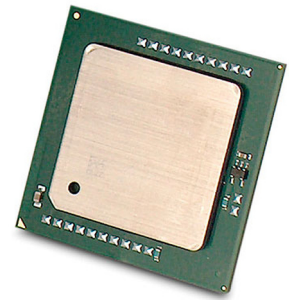
HP Intel Xeon Gold 6240 Prozessor 2,6 GHz 25 MB L3

Marke : HP

Artikel-Code: 6CX49AV

Produktname : Intel Xeon Gold 6240

HP Intel Xeon Gold 6240. 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: 45



Prozessor		Merkmale	
Prozessorhersteller *	Intel	Maximale Anzahl der PCI-Express-Lanes	48
Prozessorgeneration	Skalierbare Intel® Xeon® der 2. Generation	PCI-Express-Slots-Version	3.0
Prozessor *	6240	Unterstützte Befehlssätze	AVX-512
Grundfrequenz des Prozessors *	2,6 GHz	Skalierbarkeit	45
Prozessorfamilie *	Intel® Xeon® Gold	Eingebettete Optionen verfügbar	✗
Anzahl Prozessorkerne *	18	Intel® Optane™ -Speichermodule enthalten	✓
Prozessorsockel *	LGA 3647 (Socket P)	Prozessor Besonderheiten	
Komponente für	Server/Arbeitsstation	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓
Prozessor Lithografie *	14 nm	Intel® Turbo-Boost-Technologie	2.0
Prozessor-Serien	Intel Xeon Gold 6000 Series	Intel® AES New Instructions (Intel® AES-NI)	✓
Prozessor-Threads	36	Verbesserte Intel SpeedStep Technologie	✓
Prozessorbetriebsmodi *	64-Bit	Intel® Trusted-Execution-Technik	✓
Prozessor Boost-Frequenz	3,9 GHz	Intel® -Speed-Shift-Technologie	✓
Prozessor-Cache	25 MB	Intel® VT-x mit Extended Page Tables (EPT)	✓
Prozessor Cache Typ	L3	Intel® TSX-NI	✓
Thermal Design Power (TDP)	150 W	Intel® 64	✓
Kühler enthalten *	✗	Intel® Virtualization Technologie (VT-X)	✓
Stepping	B1	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Bus Typ	UPI	Intel Turbo Boost Max Technology 3.0	✗
Prozessor Codename	Cascade Lake	AVX-512 Abgesicherte Multiply-Add (FMA) Einheiten	2
Speicher		Intel® vPro™ Platform Eligibility	✓
Maximaler interner Speicher, vom Prozessor unterstützt	1 TB	Betriebsbedingungen	
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM	Tcase	85 °C
Speichertaktraten, vom Prozessor unterstützt	2933 MHz		
Speicherkanäle *	Hexa-Kanal		
ECC	✓		
Grafik			
Eingebaute Grafikkarten *	✗		
Separater Grafikkarten *	✗		
Eingebautes Grafikkartenmodell *	Nicht verfügbar		
Separates Grafikkartenmodell *	Nicht verfügbar		
Merkmale			
Execute Disable Bit	✓		
Marktsegment	Server		

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Publication date: 06-NOV-2025. Prints or copies of Information are only valid on the printed Publication date