



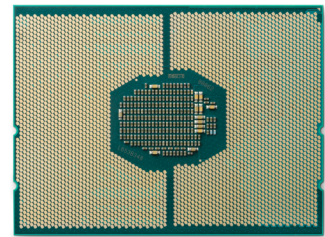
HP Intel Xeon Gold 6136 Prozessor 3 GHz 24,75 MB L3

Marke : HP

Artikel-Code: 1XM39AA

Produktname : Intel Xeon Gold 6136

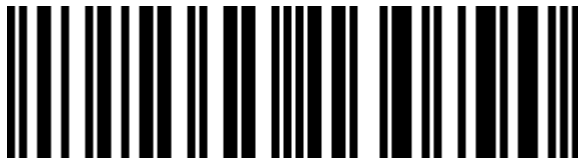
HP Intel Xeon Gold 6136. Prozessorfamilie: Intel® Xeon® Gold, Prozessorsockel: LGA 3647 (Socket P), Prozessor Lithografie: 14 nm. Speicherkanäle: Hexa-Kanal, Maximaler interner Speicher, vom Prozessor unterstützt: 768 GB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. Marktsegment: Server, Unterstützte Befehlssätze: AVX, AVX 2.0, AVX-512, SSE4.2, Skalierbarkeit: S4S. Kompatibilität: HP Z6G4



Prozessor		Merkmale	
Prozessorgeneration	Skalierbare Intel® Xeon®	Skalierbarkeit	S4S
Prozessor *	6136	Eingebettete Optionen verfügbar	✗
Grundfrequenz des Prozessors *	3 GHz	HP-Segment	Business
Prozessorfamilie *	Intel® Xeon® Gold	Prozessor Besonderheiten	
Anzahl Prozessorkerne *	12	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓
Prozessorsockel *	LGA 3647 (Socket P)	Intel® Turbo-Boost-Technologie	2.0
Komponente für	Server/Arbeitsstation	Intel® AES New Instructions (Intel® AES-NI)	✓
Prozessor Lithografie *	14 nm	Verbesserte Intel SpeedStep Technologie	✓
Prozessor-Serien	Intel Xeon Gold 6000 Series	Intel® Trusted-Execution-Technik	✓
Prozessor-Threads	24	Intel® -Speed-Shift-Technologie	✓
Prozessorbetriebsmodi *	64-Bit	Intel® VT-x mit Extended Page Tables (EPT)	✓
Prozessor Boost-Frequenz	3,7 GHz	Intel® TSX-NI	✓
Prozessor-Cache	24,75 MB	Intel® 64	✓
Prozessor Cache Typ	L3	Intel® Virtualization Technologie (VT-X)	✓
Thermal Design Power (TDP)	150 W	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Kühler enthalten *	✗	Konfliktloser-Prozessor	✓
Bus Typ	UPI	Intel Turbo Boost Max Technology 3.0	✗
Prozessor Codename	Skylake	Intel® Optane™ Memory-bereit	✗
Speicher		Intel® vPro™ Platform Eligibility	✓
Maximaler interner Speicher, vom Prozessor unterstützt	768 GB	Betriebsbedingungen	
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM	Tcase	85 °C
Speichertaktraten, vom Prozessor unterstützt	2666 MHz	Logistikdaten	
Speicherkanäle *	Hexa-Kanal	Warentarifnummer (HS)	85423119
ECC	✓	Sonstige Funktionen	
Grafik		Kompatibilität	HP Z6G4
Eingebaute Grafikkadpter *	✗		
Merkmale			
Execute Disable Bit	✓		
Marktsegment	Server		

Merkmale

Maximale Anzahl der PCI-Express-Lanes	48
PCI-Express-Slots-Version	3.0
Unterstützte Befehlssätze	AVX, AVX 2.0, AVX-512, SSE4.2



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