



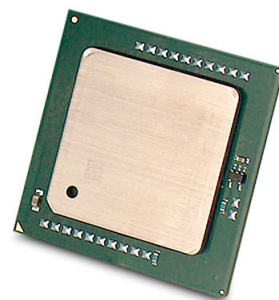
Lenovo Intel Xeon Gold 6140 processor 2,3 GHz 24,75 MB L3

Merk : Lenovo

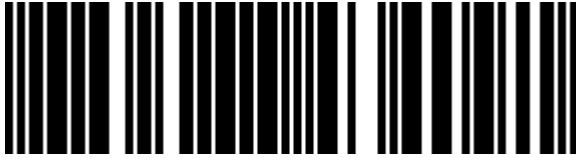
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Productnaam : Intel Xeon Gold 6140

Lenovo Intel Xeon Gold 6140. Processorfamilie: Intel® Xeon® Gold, Processor socket: LGA 3647 (Socket P), Processor lithografie: 14 nm. Geheugen kanaal: Zeskanaals, Maximaal intern geheugen ondersteund door processor: 768 GB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Ondersteunde instructie sets: AVX, AVX 2.0, AVX-512, SSE4.2, Schaalbaarheid: S4S



Processor		Kenmerken	
Processorgeneratie	1e generatie Intel® Xeon® schaalbaar	Maximaal aantal PCI Express-lijnen	48
Processormodel *	6140	PCI Express slots versie	3.0
Basisfrequentie processor *	2,3 GHz	Ondersteunde instructie sets	AVX, AVX 2.0, AVX-512, SSE4.2
Processorfamilie *	Intel® Xeon® Gold	Schaalbaarheid	S4S
Aantal processorkernen *	18	Ingebouwde opties beschikbaar	✓
Processor socket *	LGA 3647 (Socket P)	Processor speciale functies	
Component voor	Server/werkplaats	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor lithografie *	14 nm	Intel® Turbo Boost Technology	2.0
Processorserie	Intel Xeon Gold 6000 Series	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor aantal threads	36	Intel® Trusted Execution Technology	✓
Processor operating modes *	64-bit	Intel® Speed Shift-technologie	✓
Maximale turbofrequentie van processor	3,7 GHz	Intel® TSX-NI	✓
Processor cache	24,75 MB	Intel® 64	✓
Processor cache type	L3	Intel® Virtualization Technology (VT-x)	✓
Thermal Design Power (TDP)	140 W	Conflictvrije processor	✓
Inclusief koeler *	✗	Intel® Turbo Boost Max Technology 3.0	✗
Stepping	H0	Intel® Optane™ Memory Ready	✗
Codenaam processor	Skylake	Intel® vPro™ Platform Eligibility	✓
Geheugen		Eisen aan de omgeving	
Maximaal intern geheugen ondersteund door processor	768 GB	Tcase	91 °C
Geheugentypen ondersteund door processor	DDR4-SDRAM	Logistieke gegevens	
Klokgeheugen-snelheden ondersteund door processor	2666 MHz	Code geharmoniseerd systeem (HS)	85423119
Geheugen kanaal *	Zeskanaals		
ECC	✓		
Grafisch			
Ingebouwde grafische adapter *	✗		
Kenmerken			
Marktsegment	Server		



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