

Fujitsu Intel Xeon Gold 6248 processor 2,5 GHz 28 MB L3

Merk : Fujitsu

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Productnaam : Intel Xeon Gold 6248



Fujitsu Intel Xeon Gold 6248. Processorfamilie: Intel® Xeon® Gold, Processor socket: LGA 3647 (Socket P), Processor lithografie: 14 nm. Geheugen kanaal: Zeskanaals, Maximaal intern geheugen ondersteund door processor: 1 TB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Server, Ondersteunde instructie sets: AVX-512, Schaalbaarheid: 4S. Compatibiliteit: AU254M5-RX2540M5 AU47M5-RX4770M5 PQ 3800E2 PRIMERGY CX2550 M4 PRIMERGY CX2550 M5 PRIMERGY CX2550...

Processor		Kenmerken	
Processorfabrikant *	Intel	Maximaal aantal PCI Express-lijnen	48
Processorgeneratie	2e generatie Intel® Xeon® schaalbaar	PCI Express slots versie	3.0
Processormodel *	6248	Ondersteunde instructie sets	AVX-512
Basisfrequentie processor *	2,5 GHz	Schaalbaarheid	4S
Processorfamilie *	Intel® Xeon® Gold	Ingebouwde opties beschikbaar	✗
Aantal processorkernen *	20	Processor speciale functies	
Processor socket *	LGA 3647 (Socket P)	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Component voor	Server/werkplaats	Intel® Turbo Boost Technology	2.0
Processor lithografie *	14 nm	Intel® AES New Instructions (Intel® AES-NI)	✓
Processorserie	Intel Xeon Gold 6000 Series	Enhanced Intel SpeedStep Technology	✓
Processor aantal threads	40	Intel® Trusted Execution Technology	✓
Processor operating modes *	64-bit	Intel® Speed Shift-technologie	✓
Maximale turbofrequentie van processor	3,9 GHz	Intel® VT-x with Extended Page Tables (EPT)	✓
Processor cache	28 MB	Intel® TSX-NI	✓
Processor cache type	L3	Intel® 64	✓
Thermal Design Power (TDP)	150 W	Intel® Virtualization Technology (VT-x)	✓
Stepping	B1	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Bus type	UPI	Intel® Turbo Boost Max Technology 3.0	✗
Codenaam processor	Cascade Lake	AVX-512 Fused Multiply-Add (FMA) eenheden	2
		Intel® vPro™ Platform Eligibility	✓
Geheugen		Eisen aan de omgeving	
Maximaal intern geheugen ondersteund door processor	1 TB	Tcase	
Geheugentypen ondersteund door processor	DDR4-SDRAM	86 °C	
Klokgeheugen-snelheden ondersteund door processor	2933 MHz	Overige specificaties	
Geheugen kanaal *	Zeskanaals	Compatibiliteit AU254M5-RX2540M5 AU47M5-RX4770M5 PQ 3800E2 PRIMERGY CX2550 M4 PRIMERGY CX2550 M5 PRIMERGY CX2550 M6 PRIMERGY CX2560 M4 PRIMERGY CX2560 M5 PRIMERGY CX2560 M6 PRIMERGY CX2570 M5 PRIMERGY RX2530 M5 PRIMERGY RX2540 M5 PRIMERGY RX4770 M5 PRIMERGY TX2550 M5	
ECC	✓		
Grafisch			
Ingebouwde grafische adapter *	✗		
Aparte grafische adapter *	✗		
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		
Kenmerken			
Execute Disable Bit	✓		
Marktsegment	Server		

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