



HP Intel Xeon W3540 processor 2,93 GHz 8 MB L3

Merk : HP

Artikelcode: 538621-001

Productnaam : Intel Xeon W3540



HP Intel Xeon W3540. Processorfamilie: Intel® Xeon® 3000 reeks, Processor socket: Socket B (LGA 1366), Processor lithografie: 45 nm. Geheugen kanaal: Driekanaals, Geheugentypen ondersteund door processor: DDR3-SDRAM, Klokgeheugen-snelheden ondersteund door processor: 800,1066 MHz. Marktsegment: Server, Aantal Processing Die Transistors: 731 M, Processing die grootte: 263 mm². Intel Virtualization Technology: VT-x

Processor		Kenmerken	
Processormodel *	W3540	Execute Disable Bit	✓
Basisfrequentie processor *	2,93 GHz	Idle States	✓
Processorfamilie *	Intel® Xeon® 3000 reeks	Thermal Monitoring Technologies	✗
Aantal processorkernen *	4	Marktsegment	Server
Processor socket *	Socket B (LGA 1366)	Aantal Processing Die Transistors	731 M
Component voor	Server/werkplaats	Processing die grootte	263 mm²
Processor lithografie *	45 nm	Ondersteunde instructie sets	SSE4.2
Processor aantal threads	8	Ingebouwde opties beschikbaar	✗
Systeembus	4,8 GT/s	Processor speciale functies	
Processor operating modes *	64-bit	Intel Hyper-Threading Technology	✓
Maximale turbofrequentie van processor	3,2 GHz	Intel® Turbo Boost Technology	✓
Processor cache	8 MB	Intel® Smart Cache	✓
Type processorgeheugen	L3	Intel AES New Instructions	✗
Thermal Design Power (TDP)	130 W	Enhanced Intel SpeedStep Technology	✓
VID Voltage Range	0,8 - 1,375 V	Intel Trusted Execution Technology	✗
Stepping	D0	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	QPI	Intel Demand Based Switching	✓
aantal QPI links	1	Intel® Virtualization Technology (VT-x)	✓
Geheugenbandbreedte ondersteund door de processor (max)	25,6 GB/s	Eisen aan de omgeving	
Geheugen		Tcase	67,9 °C
Geheugentypen ondersteund door processor	DDR3-SDRAM	Overige specificaties	
Klokgeheugen-snelheden ondersteund door processor	800,1066 MHz	Intel Virtualization Technology	VT-x
Geheugen kanaal *	Driekanaals		
ECC	✓		
Grafisch			
Ingebouwde grafische adapter *	✗		

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