



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

Brand : HP

Product code: 538621-001

Product name : Intel Xeon W3540

HP Intel Xeon W3540. Protsessori perekond: Intel® Xeon® 3000 Sequence, Protsessori pesa: Socket B (LGA 1366), Protsessori litograafia: 45 nm. Mälukanalid: Kolmekanaliline, Protsessori poolt toetatud mälu tüübid: DDR3-SDRAM, Protsessori poolt toetatud mälu kiirused: 800,1066 MHz. Turuosa: Server, Processing Die transistoride arv: 731 M, Kiibi maht: 263 mm². Intel®i virtualiseerimise tehnoloogia (Intel® VT): VT-x



Protsessor		Funktsioonid	
Protsessori mudel *	W3540	Termojärelevalve tehnoloogiad	✗
Protsessori baassagedus *	2,93 GHz	Turuosa	Server
Protsessori perekond *	Intel® Xeon® 3000 Sequence	Processing Die transistoride arv	731 M
Protsessorituumad *	4	Kiibi maht	263 mm ²
Protsessori pesa *	Socket B (LGA 1366)	Toetatud instruksioonikogumikud	SSE4.2
Komponent	Server/tööjaam	Lisavõimalused	✗
Protsessori litograafia *	45 nm	Protsessori spetsiifilised funktsioonid	
Protsessori harud	8	Intel®i hüper hargtöötlus tehnoloogia (Intel® HT Technology)	✓
Süsteemi siinikiirus	4,8 GT/s	Intel® Turbo Boost tehnoloogia	✓
Protsessori töörežiimid *	64-bit	Intel®i tark vahemälu (Smart Cache)	✓
Protsessori võimendussagedus	3,2 GHz	Intel®i AES uus juhend (Intel® AES-NI)	✗
Protsessori vahemälu	8 MB	Inteli täiustatud SpeedStep-tehnoloogia	✓
Protsessori vahemälu tüüp	L3	Intel®i Trusted Execution tehnoloogia	✗
Jahutusvõimsus (TDP)	130 W	Intel®i VT-x koos laiendatud lehetabelitega (EPT)	✓
VID pingevahemik	0,8 - 1,375 V	Intel®i Demand Based Switching funktsioon	✓
Astmed	D0	Intel®i Virtualization-tehnoloogia (VT-X)	✓
CardBusi tüüp	QPI	Töötingimused	
QPI-linkide arv	1	Arvutikott	67,9 °C
Protsessori poolt toetatud mälu maksimaalne taktsagedus	25,6 GB/s	Muud funktsioonid	
Mälu		Intel®i virtualiseerimise tehnoloogia (Intel® VT)	
Protsessori poolt toetatud mälu tüübid	DDR3-SDRAM		
Protsessori poolt toetatud mälu kiirused	800,1066 MHz		
Mälukanalid *	Kolmekanaliline		
ECC	✓		
Graafikad			
Integreeritud graafikaadapter *	✗		
Funktsioonid			
Execute Disable Bit	✓		
Ooterežiim	✓		

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