



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

Marchio : HP

Codice prodotto: 538621-001

Nome del prodotto : Intel Xeon W3540



HP Intel Xeon W3540. Famiglia processore: Intel® Xeon® serie 3000, Presa per processore: Socket B (LGA 1366), Litografia processore: 45 nm. Canali di memoria: Triple-channel, Tipologie di memoria supportati dal processore: DDR3-SDRAM, Velocità memory clock supportate dal processore: 800,1066 MHz. Segmento di mercato: Server, Numero di Elaborazione per Transistor Die: 731 M, Dimensione della matrice di elaborazione: 263 mm². Tecnologia Intel® Virtualization (Intel® VT): VT-x

Processore		Caratteristiche	
Modello del processore *	W3540	Execute Disable Bit	✓
Frequenza base del processore *	2,93 GHz	Idle States	✓
Famiglia processore *	Intel® Xeon® serie 3000	Tecnologia Thermal Monitoring	✗
Numero di core del processore *	4	Segmento di mercato	Server
Presa per processore *	Socket B (LGA 1366)	Numero di Elaborazione per Transistor Die	731 M
Componente per	Server/workstation	Dimensione della matrice di elaborazione	263 mm²
Litografia processore *	45 nm	Istruzioni supportate	SSE4.2
Numero di threads del processore	8	Opzioni incorporate disponibili	✗
Bus di sistema	4,8 GT/s	Caratteristiche speciali del processore	
Modalità di funzionamento del processore *	64-bit	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Frequenza del processore turbo massima	3,2 GHz	Tecnologia Intel® Turbo Boost	✓
Cache processore	8 MB	Intel® Smart Cache	✓
Tipo di cache del processore	L3	Intel® AES New Instructions (Intel® AES-NI)	✗
Thermal Design Power (TDP)	130 W	Tecnologia potenziata Intel SpeedStep	✓
VID Voltage Range	0,8 - 1,375 V	Tecnologia Intel® Trusted Execution	✗
Passo	D0	Intel® VT-x with Extended Page Tables (EPT)	✓
Tipo di bus	QPI	Intel® Demand Based Switching	✓
Numero di collegamenti QPI	1	Tecnologia Intel® Virtualization (VT-x)	✓
Banda di memoria supportata dal processore (max)	25,6 GB/s	Condizioni ambientali	
Memoria		Tcase	67,9 °C
Tipologie di memoria supportati dal processore	DDR3-SDRAM	Altre caratteristiche	
Velocità memory clock supportate dal processore	800,1066 MHz	Tecnologia Intel® Virtualization (Intel® VT)	VT-x
Canali di memoria *	Triple-channel		
Data Integrity Check (verifica integrità dati)	✓		
Grafica			
Scheda grafica integrata *	✗		

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