



DELL Intel Xeon E5530 processor 2.4 GHz 8 MB Smart Cache

Brand : DELL

Product code: 0M399F

Product name : Intel Xeon E5530

Intel Xeon E5530, 8M Cache, 2.4 GHz, 80 W TDP, FCLGA1366

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The platform of choice keeps getting better. Designed for dual-processor server and workstation platforms, Intel Xeon processors give you the freedom to focus more on your business, and help you gain greater flexibility and lower costs. Put the Intel Xeon processor's latest platform innovations to work to accomplish more than ever before.

DELL Intel Xeon E5530. Processor family: Intel® Xeon® 5000 Sequence, Processor socket: LGA 1366 (Socket B), Processor lithography: 45 nm. Memory channels: Triple-channel, Maximum internal memory supported by processor: 144 GB, Memory types supported by processor: DDR3-SDRAM. Market segment: Server, Number of Processing Die Transistors: 731 M, Processing Die size: 263 mm²



Processor		Graphics	
Processor model *	E5530	On-board graphics card *	✗
Processor base frequency *	2.4 GHz	Features	
Processor family *	Intel® Xeon® 5000 Sequence	Execute Disable Bit	✓
Processor cores *	4	Idle States	✓
Processor socket *	LGA 1366 (Socket B)	Market segment	Server
Component for	Server/workstation	Number of Processing Die Transistors	731 M
Processor lithography *	45 nm	Processing Die size	263 mm ²
Processor series	Intel Xeon 5000 Series	Physical Address Extension (PAE)	✓
Processor threads	8	CPU configuration (max)	2
System bus rate	5.86 GT/s	Embedded options available	✗
Processor operating modes *	64-bit	Physical Address Extension (PAE)	40 bit
Processor boost frequency	2.66 GHz	Processor special features	
Processor cache	8 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache type	Smart Cache	Intel® Turbo Boost Technology	1.0
Thermal Design Power (TDP)	80 W	Enhanced Intel SpeedStep Technology	✓
Cooler included *	✗	Intel Trusted Execution Technology	✗
VID Voltage Range	0.75 - 1.35 V	Intel VT-x with Extended Page Tables (EPT)	✓
Stepping	D0	Intel Demand Based Switching	✓
Bus type	QPI	Intel 64	✓
Number of QPI links	2	Intel Virtualization Technology (VT-x)	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory		Operational conditions	
Maximum internal memory supported by processor	144 GB	Tcase	76 °C
Memory types supported by processor	DDR3-SDRAM		
Memory clock speeds supported by processor	800,1066 MHz		
Memory channels *	Triple-channel		
ECC	✓		

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