



DELL Intel Xeon 5160 processor 3 GHz 4 MB L2

Brand : DELL

Product code: 311-6285

Product name : Intel Xeon 5160

Intel Xeon 5160, 4M Cache, 2 GHz, 1333 MHz FSB, 80 W TDP, LGA771

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The Intel® Processor enhances the performance and the speed of your system. Additionally, the Virtualization Technology enables migration of more environments. It supports enhanced SpeedStep® technology that allows tradeoffs to be made between performance and power consumption.

Its Thermal Monitoring Technologies protect the processor package and the system from thermal failure through several thermal management features. The VT-x with Extended Page Tables (EPT) also known as Second Level Address Translation (SLAT), provides acceleration for memory intensive virtualized applications. Packed with more features, the Processor is the ideal choice for virtually all of your data demanding or standard enterprise infrastructure applications.



Processor		Features	
Processor model *	5160	Market segment	Server
Processor base frequency *	3 GHz	Number of Processing Die	291 M
Processor family *	Intel® Xeon® 5000 Sequence	Transistors	
Processor socket *	LGA 771 (Socket J)	Processing Die size	143 mm ²
Component for	Server/workstation	Physical Address Extension (PAE)	✓
Processor lithography *	65 nm	Embedded options available	✗
Processor series	Intel Xeon 5000 Series	Physical Address Extension (PAE)	32 bit
Processor operating modes *	64-bit	Processor special features	
Processor cache	4 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor cache type	L2	Intel® Turbo Boost Technology	✗
Processor front side bus	1333 MHz	Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	80 W	Intel Trusted Execution Technology	✗
Cooler included *	✗	Intel VT-x with Extended Page Tables (EPT)	✗
VID Voltage Range	0.85 - 1.5 V	Intel Demand Based Switching	✗
Stepping	B2	Intel 64	✓
FSB Parity	✓	Intel Virtualization Technology (VT-x)	✓
Memory		Operational conditions	
ECC	✗	Tcase	65 °C
Graphics			
On-board graphics card *	✗		
Discrete graphics card *	✗		
Features			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		

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