

Intel Xeon E5310 processor 1.6 GHz 8 MB L2

Brand : Intel

Product family: Xeon

Product code:
HH80563QH0258M



Product name : E5310




















Intel® Xeon® Processor E5310
(8M Cache, 1.60 GHz, 1066 MHz FSB)

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The breakthrough performance, energy efficiency, and reliability of Intel Xeon processor-based server systems make them the ideal choice for all of your data demanding or standard enterprise infrastructure applications.

Intel processor-based servers enable businesses worldwide to do more and spend less—with outstanding price/performance and broad 64-bit choice across OEMs, operating systems, and applications. Supported by a single stable mainstream 2P server platform supporting a range of CPU options for IT flexibility, investment protection and easy migration from dual core to quad-core technology.

Reliable, efficient, proven performance. Why would you depend on anything else? Intel Xeon processor-based servers deliver it all. Put Intel server technology to work in your datacenter.

Processor		Features	
Processor manufacturer *	Intel	Export Control Classification Number (ECCN)	3A991.A.1
Processor model *	E5310	Commodity Classification Automated Tracking System (CCATS)	NA
Processor base frequency *	1.6 GHz	Images Type Map	
Processor family *	Intel® Xeon®	Processor special features	
Processor cores *	4	Intel® Hyper Threading Technology (Intel® HT Technology)	
Processor socket *	LGA 771 (Socket J)	Intel® Turbo Boost Technology	
Component for	Server/workstation	Enhanced Intel SpeedStep Technology	
Processor lithography *	65 nm	Intel Trusted Execution Technology	
Processor series	Intel Xeon 5300 Series	Intel Enhanced Halt State	
Processor threads	4	Intel VT-x with Extended Page Tables (EPT)	
Processor operating modes *	64-bit	Intel Demand Based Switching	
Processor cache	8 MB	Intel 64	
Processor cache type	L2	Intel Virtualization Technology (VT-x)	
L2 cache speed	1.6 GHz	Conflict-Free processor	
Processor front side bus	1066 MHz	Operational conditions	
Thermal Design Power (TDP)	80 W	Tcase	66 °C
Box *		Technical details	
Cooler included *		Bus bandwidth	1066
Stepping	B3	Bus type units	MHz
FSB Parity		Launch date	Q4'06
Bus type	FSB	Processor cache	8192 KB
CPU multiplier (bus/core ratio)	6	Product type	Processor
Processor code	SL9XR	Status	Discontinued
Processor ARK ID	28030	Processor brand name	Intel Xeon
Memory		Last change	63903513
ECC		Product family	Intel Xeon Processor 5000 Sequence
Features		Bus speed	1066 MHz
Execute Disable Bit			
Idle States			
Thermal Monitoring Technologies			
Market segment	Server		
Number of Processing Die Transistors	582 M		
Processing Die size	286 mm ²		
Embedded options available			

Features

Physical Address Extension (PAE) 32 bit

Logistics data

Harmonized System (HS) code 8542310001

Packaging data

Package type Retail box

Weight & dimensions

Processor package size 37.5 x 37.5 mm



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