

## Intel L5320 processor 1.86 GHz 8 MB L2 Box

Brand : Intel

Product code: BX80563L5320A

Product name : L5320



Intel® Xeon® Processor L5320

(8M Cache, 1.86 GHz, 1066 MHz FSB)

Intel L5320. Processor family: Intel® Xeon®, Processor socket: LGA 771 (Socket J), Processor lithography: 65 nm. Power requirements: 1.100 - 1.325 V. Market segment: Server, Number of Processing Die Transistors: 582 M, Processing Die size: 286 mm². Package type: Retail box. Processor package size: 37.5 x 37.5 mm

Processor		Features	
Processor manufacturer *	Intel	Images Type Map	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Processor model *	L5320	<b>Processor special features</b>	
Processor base frequency *	1.86 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	<input checked="" type="checkbox"/>
Processor family *	Intel® Xeon®	Intel® Turbo Boost Technology	<input checked="" type="checkbox"/>
Processor cores *	4	Enhanced Intel SpeedStep Technology	<input checked="" type="checkbox"/>
Processor socket *	LGA 771 (Socket J)	Intel Trusted Execution Technology	<input checked="" type="checkbox"/>
Component for	Server/workstation	Intel Enhanced Halt State	<input checked="" type="checkbox"/>
Processor lithography *	65 nm	Intel VT-x with Extended Page Tables (EPT)	<input checked="" type="checkbox"/>
Processor series	Intel Xeon 5300 Series	Intel Demand Based Switching	<input checked="" type="checkbox"/>
Processor threads	4	Intel 64	<input checked="" type="checkbox"/>
Processor operating modes *	64-bit	Intel Virtualization Technology (VT-x)	<input checked="" type="checkbox"/>
Processor cache	8 MB	<b>Operational conditions</b>	
Processor cache type	L2	Maximum operating temperature	60 °C
Processor front side bus	1066 MHz	Tcase	60 °C
Thermal Design Power (TDP)	50 W	<b>Technical details</b>	
Box *	<input checked="" type="checkbox"/>	Born on date	Q1'07
Cooler included *	<input checked="" type="checkbox"/>	Bus bandwidth	1066
VID Voltage Range	1.1 - 1.25 V	Bus type units	MHz
Stepping	B3	Launch date	Q1'07
FSB Parity	<input checked="" type="checkbox"/>	Processor cache	8192 KB
Bus type	FSB	Processor core voltage	1.1000-1.2500 V
CPU multiplier (bus/core ratio)	7	Product name	Intel Xeon L5320 (8M Cache, 1.86 GHz, 1066 MHz FSB)
Processor codename	Clovertown	Product type	Processor
Processor ARK ID	29767	Status	Discontinued
<b>Power</b>		Processor brand name	Intel Xeon
Power requirements	1.100 - 1.325 V	Last change	63903513
<b>Features</b>		Product family	Intel Xeon Processor 5000 Sequence
Execute Disable Bit	<input checked="" type="checkbox"/>	Bus speed	1066 MHz
Idle States	<input checked="" type="checkbox"/>	<b>Logistics data</b>	
Thermal Monitoring Technologies	<input checked="" type="checkbox"/>	Harmonized System (HS) code	8542310001
Market segment	Server	<b>Packaging data</b>	
Number of Processing Die Transistors	582 M	Package type	Retail box
Processing Die size	286 mm²	<b>Weight &amp; dimensions</b>	
Number of Graphics & IMC Die Transistors	582 M	Processor package size	37.5 x 37.5 mm
Embedded options available	<input checked="" type="checkbox"/>		
Export Control Classification Number (ECCN)	3A991.A.1		
Commodity Classification Automated Tracking System (CCATS)	NA		

#### Other features

Cache memory	8 MB
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