

Intel Xeon X3220 processor 2.4 GHz 8 MB L2 Box

Brand : Intel

Product family: Xeon

Product code: BX80562X3220

Product name : X3220

Intel® Xeon® Processor X3220

(8M Cache, 2.40 GHz, 1066 MHz FSB)

Intel Xeon X3220. Processor family: Intel® Xeon®, Processor socket: LGA 775 (Socket T), Processor lithography: 65 nm. 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. Cache memory: 8 MB



Processor		Features	
Processor manufacturer *	Intel	Commodity Classification	
Processor model *	X3220	Automated Tracking System (CCATS)	NA
Processor base frequency *	2.4 GHz	Images Type Map	
Processor family *	Intel® Xeon®	Processor special features	
Processor cores *	4	Intel® Hyper Threading Technology (Intel® HT Technology)	
Processor socket *	LGA 775 (Socket T)	Intel® Turbo Boost Technology	
Processor lithography *	65 nm	Enhanced Intel SpeedStep Technology	
Processor series	Intel Xeon 3200 Series	Intel Trusted Execution Technology	
Processor threads	4	Intel Enhanced Halt State	
Processor operating modes *	64-bit	Intel Demand Based Switching	
Processor cache	8 MB	Intel 64	
Processor cache type	L2	Intel Virtualization Technology (VT-x)	
Processor front side bus	1066 MHz	Operational conditions	
Thermal Design Power (TDP)	105 W	Maximum operating temperature	62.2 °C
Box *		Tcase	62.2 °C
Cooler included *		Technical details	
VID Voltage Range	0.85 - 1.5 V	Born on date	Q1'07
FSB Parity		Bus bandwidth	1066
Bus type	FSB	Bus type units	MHz
CPU multiplier (bus/core ratio)	9	Launch date	Q1'07
Processor codename	Kentsfield	Processor cache	8192 KB
Processor ARK ID	28034	Processor core voltage	0.8500-1.500 V
Memory		Product name	Intel Xeon X3220 (8M Cache, 2.40 GHz, 1066 MHz FSB)
ECC		Product type	Processor
Features		Status	Discontinued
Execute Disable Bit		Processor brand name	Intel Xeon
Idle States		Last change	63903513
Thermal Monitoring Technologies		Product family	Intel Xeon Processor 3000 Sequence
Market segment	Server	Bus speed	1066 MHz
Number of Processing Die Transistors	582 M	Logistics data	
Processing Die size	286 mm ²	Harmonized System (HS) code	8542310001
Number of Graphics & IMC Die Transistors	582 M	Packaging data	
Embedded options available		Package type	Retail box
Physical Address Extension (PAE)	32 bit	Weight & dimensions	
Export Control Classification Number (ECCN)	3A991.A.1	Processor package size	37.5 x 37.5 mm

Other features

Cache memory	8 MB
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