



## Your Intel® Xeon® Processor Family Comparison Chart

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	Quad-Core Intel® Xeon® Processor X3220	Quad-Core Intel® Xeon® Processor X3210
	<a href="#">Remove</a>	<a href="#">Remove</a>
<b>Processor Number</b>	X3220	X3210
<b>Process Technology</b>	65 nanometer technology	65 nanometer technology
<b>L2 Cache</b>	8MB	8MB
<b>L3 Cache</b>	NA	NA
<b>Clock Speed</b>	2.40 GHz	2.13 GHz
<b>Front Side Bus</b>	1066 MHz	1066 MHz
<b>System Type</b>	UP	UP
<b>Other Intel Technologies</b>	Execute Disable Bit, Intel® 64, EIST, QC, Intel® Virtualization Technology	Execute Disable Bit, Intel® 64, EIST, QC, Intel® Virtualization Technology
<b>Package</b>	FC-LGA6	FC-LGA6
<b>Server Chipset</b>	Intel® 3000 Chipset, Intel® 3010 Chipset	Intel® 3000 Chipset, Intel® 3010 Chipset
<b>Workstation Chipset</b>	NA	NA
<b>Server Boards</b>	S3000PT, S3000AH	S3000PT, S3000AH
<b>Memory Type</b>	NA	NA
<b>Server Systems</b>	NA	NA
<b>Server Chassis</b>	NA	NA
<b>Server Compute Blades</b>	NA	NA
<b>Carrier Grade Servers</b>	NA	NA
<b>Pin Count</b>	NA	NA
<b>sSpec Number</b>	SL9UP	SL9UQ
<b>Power</b>	105W	105W
<b>Where to Buy</b>	<a href="#">Where to Buy</a>	<a href="#">Where to Buy</a>

<sup>¶</sup> 64-bit Intel® Xeon® processors with Intel® EM64T requires a computer system with a processor, chipset, BIOS, OS, device drivers and applications enabled for Intel EM64T. Processor will not operate (including 32-bit operation) without an Intel EM64T-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel EM64T-enabled OS, BIOS, device drivers and applications may not be available. Check with your vendor for more information.

<sup>††</sup> The Dual-Core Intel® Xeon® processor 7030, 7041 and the Intel® E8501 Chipset are currently expected to be available in early 2006. For actual availability, contact your local Intel field sales representative.

<sup>\*</sup> Performance will vary depending on the specific hardware and software you use. See most up to date benchmarks at <http://www.intel.com/performance/server/index.htm> for detailed information.

<sup>\*\*</sup> Performance will vary depending on the specific hardware and software you use. For the latest Intel Xeon processor performance details, please refer to <http://www.intel.com/performance/workstation/index.htm> for detailed information.

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