

# Re: Which CPUTYPE for a dualcore Xeon on AMD64

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2007-06/msg00308.html>

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- *From:* Martin Cracauer <cracauer@xxxxxxxx>
  - *Date:* Wed, 27 Jun 2007 11:27:22 -0400
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Mike Meyer wrote on Wed, Jun 27, 2007 at 09:22:25AM -0400:

In <20070626195031.GA29545@xxxxxxxx>, Martin Cracauer <cracauer@xxxxxxxx> typed:

Martin Turgeon wrote on Sun, Jun 24, 2007 at 07:32:22PM -0400:

Hi,

I recently installed AMD64 6.2 Release on 2 PowerEdge servers, both with dual core Xeon (3070 and 5110).

I extensively benchmarked different compiler options on Xeon 5160 (3.0 GHz Core2) with gcc-4.1.2 and gcc-4.2.

Using what benchmark? That makes a \*lot\* of difference.

A proprietary application. I should have mentioned it does almost no floating point, so the assumption to drop sse might not be valid.

However, the differences in compiler flags were generally huge and the simpler ones came out on or near the top.

Martin

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