

Re: enabling hyper-threading on intel dual-core

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2006-05/msg00062.html>

- *From:* Shane Ambler <Shane@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 12 May 2006 03:04:59 +0930
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On 12/5/2006 1:30, "OxY" <oxy@xxxxxxx> wrote:

hi!

i just bought an Intel Pentium D-930 (3ghz dual-core)
and wonder why i just only have CPU0 and CPU1, when i compile with SMP...

sysctl says:
machdep.cpu_idle_hlt: 0

is it right or i should see CPU 2 and 3 starting during the boot?

thanks for your help!

ps: i even compiled this option in kernel, can't see any change

options MPTABLE_FORCE_HTTP # Enable HTT CPUs with the MP Table

freebsd-performance@xxxxxxxxxxx mailing list

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Sounds right to me – the 930 is a dual core and will show up as two cpu's
cpu0 and cpu1.

The early dual core's don't support hyperthreading – the Pentium-D extreme
edition does (Pentium D-955 at 3.46Ghz is one) and will show up as 4 cpu's.
Currently at 3x the price.

—

Shane Ambler
Shane@xxxxxxxxxxxxxxxxxxxx

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