

Re: powerd freeze with amd 5000 X2 but not with lower cpus

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2007-07/msg00482.html>

- *From:* Michael Nottebrock <lofi@xxxxxxxxxxx>
 - *Date:* Sat, 28 Jul 2007 12:10:21 +0200
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JoaoBR schrieb:

On Saturday 28 July 2007 04:21:39 Michael Nottebrock wrote:

JoaoBR schrieb:

On Friday 27 July 2007 12:31:55 Nate Lawson wrote:

JoaoBR wrote:

Hi
when I enable powerd with
default flags (and any other
also) the
computer freezes some
seconds after powerd is
started. It does not
reach login. Nothing in the
logs. This is with amd 5000
X2 Am2

When i stick into the same
computer a 4600 or 4200 it
runs fine and
smooth.

I thought it is MB related
and did the same and again
the 5000 cpu
freeze, the smaller ones not.

Any idea what I should do?

I use releng_6 amd and i386

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same story and cpufreq and
acpi is
compiled.

Disable powerd again and boot normally.
Try changing the frequency with
"sysctl dev.cpu", etc. and see if any of the
levels freeze for you.

ok, this is what I get

```
dev.cpu.0.freq_levels: 2600/100000 2400/85596 2200/72544  
2000/60778  
1800/50237 1000/25535
```

no need to say but the fan levels obviously are wrong

And now the interesting part I shift to 2400 or any other and
immediately
freeze, that from kde konsole

in single user mode I can shift up and down between all
speeds and
nothing happens

[Jumping in from the thread started on –stable –
<http://lists.freebsd.org/pipermail/freebsd-stable/2007-July/036395.html>
– see there for system details]

Same here – in single user mode, even powerd works fine – like it does
with SMP disabled – but no go in multiuser.

I see some similar discussion on stable but I can not match
with
everything there because I have the problem only with the
athlon 5000 cpu

The CPU difference is interesting – exactly what model is your X2 4600+?
Mine is a stepping F, model 4B, rev BH-F2 ("Energy Efficient" with 65W
TDP).

seems to be the same

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but I have better news and seems my first idea was right, the MB is it

I found a tech info on the manufactor's support site telling cpu support up to 4600+ and found a bios for newer cpus including my 5000+

so I upgraded the bios and my CPU now works with smp + cpufreq + powerd on both amd64 and i386

Good to hear. Unfortunately my Mobo's BIOS is already up-to-date, the CPU is officially supported and Cool'n'Quiet works dandy in Windows XP ... =/

Cheers,

—

,_, | Michael Nottebrock | lofi@xxxxxxxxxxxx

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