

[SLE] System clock running 3x real time

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2005-02/2660.html>

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To: suse-linux-e@suse.com

Hi

I've just got a HP Compaq nx9105 PG729EA laptop with an AMD Athlon 64 3400+ processor. nice...

Except the system clock is running 3x realtime, so 5 minutes after is turned on it's 10 minutes ahead of time..

Besides the computer is almost impossible to use because everything it's running 3x as fast including keyboard repeats..

Try enter a password when the keyboard repeat kicks in immediately....

None of the "howto install Linux on nx9105" I could find on the internet describes this problem, but apparently they are all writing for versions of the laptops with 3000+ or less processors.

This version is one of two with the 64 bit instructions enabled in the processor..

I've searched the internet and only found three posts about this problem:

<http://www.ussg.iu.edu/hypermail/linux/kernel/0408.2/2102.html>

<http://forums.gentoo.org/viewtopic-t-270101-highlight-system+clock.html>

<http://forums.gentoo.org/viewtopic-t-288892-highlight-system+clock.html>

But the first dies without answer..

The second ends with an advise to use ntpd to "slow-down" the clock...

In the third the advise is not use freq-scaling or to recompile the kernel without rtc. The questionar writes back that after upgrading the kernel-source and recompile (on a gentoo) it works for him...

I've tried the same on SuSE: Grab the latest kernel-source from

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online_update and remove freq-scaling and recompiling – didn't work...
Couldn't find a parameter in xconfig to disable rtc!!!

Does anyone have any experience with SuSE and the larger HP nx9105 or HP Pavillon r3000 or zx5000v which apparently is almost identical????

Does anyone know if there is any AMD Athlon 64 fixes in the kernel which is not in 2.6.8–24.11 from SuSE???

The complete specs for the laptop is here:

<http://h10010.www1.hp.com/wwpc/dk/da/sm/WF06b/21115-282777-282777-282777-297307-4535817-21872247.1>

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