

## possible solution if you are having problems with 686 kernel

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Ubuntu/2006-06/msg03779.html>

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Xurxo Fernandez wrote:

Dell 630m and having problems with 686 kernel after updating from breezy. CPU went from 1-2% usage in 386 kernel to 20-30%.

I have a dell XPS2 with a M770 processor.

I also had the CPU running high at idle after installing the 686 kernel.

I found this link and it works for me.

(I then had to CTRL-ALT-BACKSPACE or reboot to get it to use this modification.)

<http://www.ubuntuforums.org/showthread.php?t=194833>

Quote:

Add this to /etc/rc.local:

```
echo 1 > /sys/module/processor/parameters/max_cstate
```

Now I'd be the first to admit I'm no Linux Guru. My educated guess the problem is solely in SMP support in the 686 kernel being enabled for processors that have no need for it. (aka my Pentium M)

Anyways, I'm glad I can run the 686 kernel on my laptop with less cpu usage and cooler (The fans were kicking on all the time before this)

This is what you should do if you want to use a 686 kernel.

End Quote

Clive

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ubuntu-users mailing list

ubuntu-users@xxxxxxxxxxxxxxxxx

<https://lists.ubuntu.com/mailman/listinfo/ubuntu-users>