

Re: system reboots when not warm

Source: <http://linux.derkeiler.com/Newsgroups/alt.os.linux.suse/2006-06/msg00255.html>

- *From:* "Rajko M." <rmatov101@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 04 Jun 2006 09:11:57 -0500
-

mike wrote:

Hi,

I have a delicate problem. I have installed suse 10.0 (I used winME before but got tired of all problems) on a FujitsuSiemes scaleo, 800 Mhz Celeron.

When I boot my linux box I can see what is going on (boot sequence) then my x-window is started and I get my GNOME environment. Then apps (wireless network, mail ...) are loaded in the panel (as they are started). If I try to start e.g. mozilla or firefox browser then system reboots. If i do that before icons in panel is loaded system also reboots. :-(

If I let my system run for I while it seems like I can start browsers, ide:s and so on without a reboot.

I never had these kind of problems in windows (though others).

Is it something that is not warm enough in the beginning?

I have gotten suggestions on the following:

bad memory (RAM), video drivers, and a bad power supply.

I checked the ram with 'Mem Test' and it is fine.

I have no extra video drivers installed.

I am starting to begin it has something to do with the power supply since everything is rather cold in the beginning (when booting). And also it is not likely that the CPU is overheating at this stage or?

All hints are welcome!

cheers,

//mikael

Looking on problems with overheating like some suggested is pointless here, as your system stabilize after it gets warm. That you haven't this problem with earlier OS doesn't mean much, as it could be present, but with

Re: system reboots when not warm

different manifestation that is not so drastic as spontaneous reboot. If you had some hardware that failed sometimes that might be indication where to look first.

I would check connectors first (expansion cards, RAM, cables). Disconnect and reconnect them. I would not touch CPU unless you have ready cooling gel, preferably silver, and know very well how to reinstall it. Than if that doesn't change anything, I would use different cards, cables and RAM. If you want to troubleshoot down to the component, than it will take time, but you will find out what was the source of the problem.

The problem could be so called "cold solder", but you should find the component that fails first. For this type of problems is required soldering experience.

The power supply could be the problem, but as any other computer component you need one of the same kind that you know as good for the test. Otherwise replacing it will bring nothing.

HTH

—

Regards,
Rajko.

.