

## Re: Dead Mobo or PSU?

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<http://newsgroups.derkeiler.com/Archive/Alt/alt.comp.hardware.pc-homebuilt/2007-09/msg00519.html>

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- *From:* [Blitzkev@xxxxxxxx](mailto:Blitzkev@xxxxxxxx)
  - *Date:* Mon, 17 Sep 2007 21:59:51 -0000
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On Sep 17, 4:13 pm, "JAD" <[john.d...@xx](mailto:john.d...@xx)> wrote:

<[Blitz...@xxxxxxxx](mailto:Blitz...@xxxxxxxx)> wrote in message

[news:1190057134.758591.63680@xx](mailto:news:1190057134.758591.63680@xx)

On Sep 17, 3:06 pm, "JAD" <[john.d...@xx](mailto:john.d...@xx)> wrote:

<[Blitz...@xxxxxxxx](mailto:Blitz...@xxxxxxxx)> wrote in message

[news:1190055493.493029.220490@xx](mailto:news:1190055493.493029.220490@xx)

This is a very long story, but after hours of trying to fix and searching forums, I've decided to ask you guys so please try and help ;)

1 year ago I built my own computer, worked fine until about this august, it started to freeze randomly and crash, I figured it was my processor overheating since speedfan showed it running really hot. I cleared out a bunch of dust and decided to buy a new heatsink and PSU

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fan, and a new case. While I was at it I bought a new video card because mine was outdated. The video card and case arrived, and I began to transplant my mobo to the new case. Everything seemed to be going well, I did lose one insulator washer, so I didn't screw one screw into the motherboard just to be safe. The first power up didn't do anything, but I soon found the problem and fixed it, and it booted up like normal. After about 2–3 minutes of starting vista, while it was searching for a new driver to the new 8600 GTS, the computer shut itself down, after turning the screen white. The only thing left was my mobo led, lit up green. So I turned the PSU off and then back on, and this time the computer froze while it was loading the bios and shut itself off again. I was afraid I might have installed the heatsink on the CPU incorrectly, but I wanted to make sure, and waited for everything to cool down and turned the PSU on once again. This time I made it all the way into vista and turned on speedfan to check the temperatures, it was reading 20 C and 34 C on my two CPU cores (Pentium D 2.8ghz) but my video card was running at 70 C. I thought maybe that was causing the system to shut down (made sense with the screen freezing) and I looked online for answers. I found some sites that told me to download the newest vista driver, and I managed to download and install that driver while the system was still shutting itself off intermittently. After I got the driver installed it seemed to be working normally, it was going for about 25 minutes without shutting off, and many tests were showing everything working correctly. I tried listening to some music but found there was no sound coming out of the speakers (I use my

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onboard sound)or my  
headphone jack on my case, so I installed a  
new driver for the onboard  
sound. When I restarted my computer, it  
blue screened loading vista  
(IRQL\_NOT\_LESS\_THAN\_OR\_EQUAL  
error) and then the next time I tried  
starting my computer, everything spun like  
normal, all fans worked, HD  
was spinning, GPU fan was spinning, DVD  
tray opened and closed, and  
the MoBo light was green, but nothing  
showed up on the screen. My  
motherboard wasn't even going through post  
anymore. I tried my old  
video card in both slots, I tried different hard  
drives, and switching  
my ram into the other two slots, I cleared my  
RTC ram cache, and  
nothing could get the bios to show up on my  
monitor. I went to sleep  
after working on it for many hours. This  
morning the condition hadn't  
improved, so I removed my battery and then  
replaced it. The next time  
I powered on my PSU nothing seemed to  
work, no fans spin at all, HD  
doesn't spin when connected. The only thing  
that has life is my  
Motherboards green LED.

I'm not sure what could have caused all this,  
but I think it's between  
the motherboard and PSU. Possibly the  
CPU.

Thanks in advance.

What PSU is in there?  
(IRQL\_NOT\_LESS\_THAN\_OR\_EQUAL error-- this points  
to hardware conflict at the bios  
level  
reset configuration (ESCD)data in the bios  
and/or reset the CMOS

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I have a 600W Xfinity ATX model ULT-XF600

I would mess around with the BIOS but I can't even get to it, nothing spins, my mobo wont even post.

reset the CMOS via the removal of the battery or the jumper

Yeah I already did that, but in my motherboard it's called resetting the RTC ram cache.

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