

Re: Computer Locks Up – bad

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2007-03/msg03234.htm

- *From:* "D.H. Cesare" <cesareDH@xxxxxxxxxxxxxxx>
 - *Date:* Thu, 29 Mar 2007 09:18:44 -0600
-

I have isolated the system from the 1250 APC and all peripherals.
Motherboard: MSI PM8M3-V
RAM: 2 – 512MB Kingston DDR 4000

It seems you've tried to isolate any hardware issues, and couldn't find any that were causing this problem. You've replaced pretty much everything you can replace. My only thought is maybe the power supply (i.e. AC current) is unstable? Do you have it plugged into a reliable UPS? Give that a shot. I suggest APC.

Otherwise, why not just get a new computer? What kind of motherboard / CPU do you have in this system? What kind of RAM?

Best Wishes,
Kurosh

"D.H. Cesare" wrote:

The computer:

WinXP Pro, 2.66mHz, 1024MB RAM, primary drive 160G WD, slave drive 60G WD, CD-ROM/Burner, DVD burner, Acer 19" Flat Panel LCD monitor. The computer has a 5 cooling fans total.

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Started locking up once in awhile and got progressively worse over a period of about 3 weeks, to where it would lock up anywhere from a few seconds after it started to an hour or so. It acted like a video card so a new Nvidia (PNY) 256MB GeForce 6600 was installed. It still locked up.

I ran all the diagnostics on the Ultimate Boot CD, along with a couple other diagnostic programs for the video card and the HDD's.

The only problem found was the Motherboard temperature and the processor temp. were too high. I changed the motherboard and the processor. The heat problem was fixed, (it was probably a bad sensor) but the machine still locked up.

So I did a "clean" reinstall of WinXP Pro – it still locked up.

I hooked up a new mouse – still locked up.

I took the machine to Computer Nerdz who charged me \$60 and told me the power source was not adequate for the machine's requirements, so I installed a new Allied 450W power source. The machine still locked up.

The locks up from a few minutes to a few hours run time.

I took the computer back to Computer Nerdz and sat with it for 2 1/4 hours in which time it didn't lock up.

So we thought the auxiliary power supply might be the culprit, even though the "B" computer which is hooked to the same APS was not experiencing any problems. I decided to completely isolate the computer from all peripherals and the computer room in general, so I moved the computer into the garage where it could be on it's own circuit, and hooked up the monitor, mouse, and keyboard only.

The machine ran for 9 hours and then locked up. I called Nerdz and the technician told me it was probably the monitor and to try a new monitor cable first. I purchased a new cable and installed it – the computer ran

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hours, then locked up.

So I replaced the new Acer monitor with my old SVGA monitor – the
computer
ran 11 hours then locked up.

To summarize:

I have replaced:

The Operating system, (clean reinstall)

The motherboard, processor, heat-sink & fan

The mouse, keyboard and monitor

The video card

I have isolated the machine from the "computer room".

I have run WD's diagnostics on both WD HDD's

I have removed the RAM chips one-by-one and run the machine on each
chip
separately. Same lock-up. The chips pass the diagnostics 100%

The System Log shows no negative events; the machine has locked up 3
times
when I opened that log.

The technicians and I are at a total lose.

Someone please help.

Thank you.

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It is bad luck to be superstitious.

D.H. Cesare

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