

Re: A PC question.

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- *From:* Baron <baron.nospam@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 18 May 2008 17:48:32 +0100
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Dave Plowman (News) wrote:

In article <g0pd7p\$psi\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>, Baron <baron.nospam@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Indeed. Although it's working fine at the moment. And my experience with PCs is that they can *all* fall over at any time. ;-)

Dave,
Did you try replacing the PSU ?

Yes – it was my first thought.

Thanks ! I couldn't remember if you had or not.

I possible answer: Some time back I had problems with a machine that kept shutting down shortly after boot. No O/S just a boot floppy. The only clue initially was that if you restarted the machine straight away the time to shut down got less.

It turned out that the voltage regulator for the CPU simply couldn't hold the CPU voltage at 1.65volts and over a few seconds the voltage rose upto 2.25volts at which point the PSU got switched off.

The cure was replacement of the six capacitors in the CPU PSU circuit. Non were bulged or swollen, no visible signs of damage. All the caps exhibited ESR's around 10 to 15 ohms.

However prior to its failure the machine showed symptoms similar to yours !

HTH.

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Best Regards:
Baron.

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