

## Re: computer keep shutting down

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help\\_and\\_support/2007-05/msg00140.htm](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2007-05/msg00140.htm)

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- *From:* w\_tom <[w\\_tom1@xxxxxxx](mailto:w_tom1@xxxxxxx)>
  - *Date:* 1 May 2007 17:52:18 -0700
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On Apr 30, 8:28 pm, "William E. Holmes Sr" <[wholm...@xxxxxxxxxxxxx](mailto:wholm...@xxxxxxxxxxxxx)> wrote:

I got windowsxp amd 2800 cpu 2gb memery 2-250gb hard .  
computer shuts down .You can not boot up unless you turn off  
thepowersupplythen turn it back on.  
I tryed a newpower supply.Then I tryed a new hard drive and unplug other  
drives Tried to load windows  
It loads abouts halfway then shuts down.

Swapping parts will not provide a definitive answer. Best obtained is "it appears to be fixed". Currently I see nothing that identifies the problem as either hardware or software. IOW you have not broken the problem or diagnosis into parts – then solve the parts. Trying to fix it by reloading Windows may have created a new problem – defective Windows installation. If so, then you have exponentially complicated a solution by trying to fix something before discovering the problem.

Step back. Let's first learn what is or is not completely good or completely known bad. All doors can appear defective inside a house when, in reality, the foundation is defective. Do we then fix doors? No. First we establish what is and is not good. The foundation of a computer is a power supply. Only way you will get a definitive answer is to measure voltages with a 3.5 digit multimeter using procedure and numbers provided in "When your computer dies without warning....." starting 6 Feb 2007 in the newsgroup alt.windows-xp at:  
<http://tinyurl.com/yvf9vh>

Then post those numbers here for potentially further useful facts.

Is Windows functional at all? Can you still boot in safe mode and into other options (ie manufacturer comprehensive diagnostics) by pressing F5 or F8 when power is first applied? Is the computer manufacturer a more responsible one that provides comprehensive diagnostics for free on disk and on web site? If not, then get diagnostics from various component manufacturers. A shorter list of components that may cause boot failures include sound card, disk

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drive, video processor, motherboard, and memory. How far did system get before failing? Did BIOS complete execution? Boot failure?

Your memory test did not (and would not) provide useful facts – the necessary definitive 100% known good or 100% known bad results. But then that is what memory diagnostics (in combination with another diagnostic tool – heat) or system (event) logs would provide.

Of course all this is only informative after power supply 'system' is confirmed. Yes – a 'system' and not just a power supply.

If Windows can be booted in safe mode, then what is stored in system (event) logs – or did you destroy that useful information by trying to fix windows?

Above are first steps and the attitude to break this problem down – isolate the failure.

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