

Re: PC doesn't start

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- *From:* "w_tom" <w_tom1@xxxxxxx>
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On Feb 9, 4:10 am, "Andrea"
<[andrea.delzoppo\(removethis\)@fastwebnet.it](mailto:andrea.delzoppo(removethis)@fastwebnet.it)> wrote:

Thanks Jim for the advices. I changed the MOBO Battery with no result. Today, as I did already a few days ago and worked but didn't yesterday, I disconnected the signal cable of the monitor; the PC started. Cannot say it's a monitor fault. Any further sugestions?

Stop trying to fix things without first knowing what is wrong. Get a 3.5 digit multimeter (so ubiquitous as to be sold even in K-mart) and measure some DC voltages from power supply. First is the purple wire that must measure 4.87 volts DC when computer is not powered on. Then measure green wire voltage that must be well above 2 volts before power switch is pressed AND drop to well below 0.8 volts when power switch is pressed.

Next look at one of each orange, red, and yellow wires when power switch is pressed. What does each do? Each must exceed 3.23, 4.87, and 11.7.

Now in less than two minutes, you have numbers that provide a useful reply; will point to a suspect.

Currently you are shotgunning. Just like firing a gun blindly in all directions until something changes. What have you learned? Nothing. You even replaced the battery. Was that defective? We don't know. But with a meter and less than 30 seconds, you would have know – and not disconnected or replaced anything. Just another example of knowing what is bad before replacing anything.

Numbers from those measurements (in less than 2 minutes) should point to a suspect. And posting those numbers will even provide far more useful information. Your replies will only be as good as the information provided. That means numbers from meter measurements.

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