

Re: PC Power supply

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2008-04/msg01411.html>

- *From:* Baron <baron.nospam@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 25 Apr 2008 20:26:38 +0100
-

Charlie Bress wrote:

My son has an E-Machine T3828 that will not power up. Unfortunately he is around 100 miles away so I do not have more information. There were no changes made to the PC that might have caused this. At first glance it is easy to blame the P/S itself, but a new replacement did not help.

A detail: He reports that with either supply there is a single LED on the M/B that lights up. What controls this light?
On either P/S there is no other sign of life. No fans turn on.

What are the likely causes?

I have considered some. The power switch may have failed. Or the mechanical link from the front panel to the switch.

IIRC there is a pin on the M/B-P/S connector that provides an input to the supply so that the supply turns on.. Is that a set level? What controls it?

I am considering having him drive down with it. I can repair electronic devices, but I have never come across this situation.

Is there a likelihood that the fault is in the M/B?

Thanks,

Charlie

This is a very common Emachines failure mode ! About three years old ?
M/b CPU, PSU usually. Very often other items are taken out as well.
Unfortunately the little led only means the the sb power is there.

—
Best Regards:

Re: PC Power supply

Baron.

.