

Re: PSU

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2006-09/msg00471.html>

- *From:* "Clayton" <claytonbNOSPAM@xxxxxxxxxx>
 - *Date:* Tue, 12 Sep 2006 15:33:10 +1200
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What would be good is to buy a USB device that can check the power of each port

"Clayton" <claytonbNOSPAM@xxxxxxxxxx> wrote in message news:%23tWxcrh1GHA.5048@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

I have found a 460W PSU that will fit the DELL ok, I'm only using one DVD/RW Drive Jim

What is plugged into all the USB devices are

1. USB Wireless Keyboard & Mouse Receiver
2. Nokia Phone USB Cable (unplugged at the moment)
3. USB External Drive enclosure (Powered)
4. Upstream cable to Monitor which is running a (digital camera) which is switched off and a 4GB Flash Drive
5. Linksys CIT200 IP Phone Base Station (Powered)
6. Pinnacle Movie Box (Powered)

Also there is another PCI 2x USB2.0 and 2x IEEE 1394 card (Powered from PSU) but nothing is plugged into the IEEE 1395, the USB ports on the card are running a non powered Scanner and Logitech Webcam
256MB 8x AGP Video Card (Powered from PSU)

"Yves Leclerc" <yvesleclercNOSPAM@xxxxxxxxxx> wrote in message news:%23RwMNKd1GHA.1288@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Dell PC all use proprietary parts so a new PSU may not be available for you.
However, you could try to add a "self-powered" USB hub, which should have its own power adapter. This adapter will provide the additional power that your USB devices require.

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On 11/09/2006 "Clayton" <claytonbNOSPAM@xxxxxxxxxxx> wrote:

The system is running the follow on a 300W PSU

256MB Graphics Card using a power source plugged in from the PSU

2 USB 2.0 & 2 IEEE 1394 Port PCI Card using power source plugged in from

PSU

6 USB Ports on Motherboard (all occupied)

2 X SATA HDD, 1x 300GB and 1x 400GB

Dual Channel DDR400 Memory running at 2 x 1GB = 2GB

The system is a Dell Dimension 8300

I sometimes have problems with USB devices working, sometimes and I need

to

unplug and replug it in again to function.

Looking in Device Manager under USB devices then

showing hidden devices

it

shows 1 item as Unknown Devices but doesn't show the

Yellow ?

"Jim Macklin" <p51mustang[threeX12]@xxxhotmail.calm> wrote in message

news:eryQQtV1GHA.772@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Your PSU is probably not the problem with flash drives,

since they use very little power. A weak or undersized PSU

will have problems with hard drives, optical drives and fans.

You didn't give any details about your system, installed

RAM, hard drives, optical drives, graphics, CPU or

motherboard. How many cooling fans you have installed and

how many add-in cards. All these things draw power.

If your computer boots OK and your problem is with flash

drives, drivers, software and settings are

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more likely to be
the problem. Is the USB on the mobo or on
add-in cards or
both? Is the BIOS up to date? How many
USB ports are in use
and doing what?

"Clayton"

<claytonbNOSPAM@xxxxxxxxxx> wrote
in message

news:eHsDzRU1GHA.1548@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

| What are the symptoms of a inadequate
Power Supply Unit,
other than not
| booting up system
|

| Some USB devices I run don't seem to
work unless you
remove them and plug
| them in again and some USB devices don't
want to work all,
i.e a USB flash
| drive would install and detected fine but
once you start
using it, it
| disappears, wondering if it's time to
upgrade my PSU for
an extra 100W
|
|

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Y.