

Re: can't boot completely with USB devices plugged in... (post XP format and reinstall)

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Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2007-11/msg00418.htm

- *From:* bertieboy <mtg@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 6 Nov 2007 16:26:06 +0000
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In message <47308a8b\$1_1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>, M.I.5¾ <no.one@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> writes

"bertieboy" <mtg@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:hLEckiBaewLHFw6y@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

In message <472ed028\$1_1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>, M.I.5¾ <no.one@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> writes

"bertieboy" <mtg@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:LuvGdcCwL1KHFwEl@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

In message <1193969885.390237.58160@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>, Ch33zst34k <Gerry.Vogler@xxxxxxxx> writes

I recently did my periodic XP SR-2 reinstall (I was getting an occasional BSD) and now have a shiny, newly formatted hard drive with fresh and current drivers. My problem comes at boot time – if I have my USB hub and/or various USB devices plugged in, XP doesn't boot completely (it hangs during the boot sequence).

I can boot with only the USB keyboard in however,

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which leads me to
believe that its somehow
tied to drivers. Anyone have
some input
here ?

Thanks,
G

I had something similar with my new
Mesh/Asus P5VD2-VM mobo. If I went
into hibernation or standby, or sometimes
when I did a cold boot, when I
tried to get it to start up again it just sat there
and did nothing. The
disk activity light was flashing but whatever
I did I could not get it
to
start up. This went on for several days and
by then I was getting a bit
jumpy! I did get it to start up once, by
turning off the power switch
then
back on quickly (not to be recommended)
but it allowed me to take some
backups. I then decided to remove the 4 port
USB hub and the system came
up OK. I should have done that a long time
before but I had
'motherboard'
stuck in my mind.
Anyway, I dumped the hub and managed
without it. Its been fine since.

I have heard similar stories before. AIUI, there is a fault with
some
hubs
in that they are not compliant with the USB spec. Under the
spec. a hub
must not activate some of it's internal power lines until it has
been
enumerated. Some hubs ignore this rule and the presence of 5
volts on one
of the data lines causes problems with the quirks of some
USB ports. Such
hubs can usually be plugged in after the system has booted
up without
problem (They can usually be left plugged into compliant
hubs as well, as

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they hold the power off until enumerated).

This happened with 2 different hubs, and, if I remember rightly, there was nothing actually on the hubs at the time.

Thanks for the heads up, I'm reassured by that, although if I were to buy another hub how would I know if it was compliant with the USB spec?

Presumably the dearer the hub the more likely it will work?

Hmm. IME, that is not always the case.

I think I'll manage with the onboard ports for the moment then!

—

bertieboy

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