

Re: Replace Mobo in XP??

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2004-04/27102.html>

From: jim (jim_at_nowhere.cam)

Date: 04/29/04

Date: Thu, 29 Apr 2004 12:19:36 -0700

"Ron Martell" <ron@onlinehelp.bc.ca> wrote in message
news:oif2909v48vmo2riifeqo0euiallqdmnn5@4ax.com...

> "jim" <jim@nowhere.cam> wrote:

>

> >I'd like to ask some questions about replacing/changing a mobo in an XP
pro

> >system. I've done some research on this issue and have come to the
following

> >conclusions.

> >

> >XP is not quite as Plug & Play as 98[SE] was in this regard. One can not

> >just take the OS HD and put it in another box and expect it to boot and

> >re-find everything and install all the appropriate drivers etc. like it

> >would in 98SE.

> >

>

> Not true. Windows 95/98/Me required specific detailed steps in order

> to *successfully* replace a motherboard.

Not true as so many posters have confirmed.

> Usually this involved at

> least manually deleting all relevant items from Device Manager or

> (even better) deleting the HKEY_LOCAL_MACHINE\Enum key from the

> registry. Otherwise there would be a proliferation of obsolete and

> duplicated items in Device Manager which could adversely affect

> performance.

Might so affect? The fact is that the move generally works.

> >The limitations appear to be in two areas. The first is the HAL which is

a

> >function of the CPU and number thereof and presence/absence of ACPI mobo

> >BIOS. The second is the HD drivers.

> >

> >I've found all sorts of site/articles regarding how to do this and fix

these

> >issues for the mobo ATA controller case. Other HD cases seem to be
> >tractable using the F6 install drivers(SCSI technique). One that seems
to
> >be similar to many others regarding the mobo ATA HD issue is:
> >www.mostlycreativeworkshop.com/article11.html
> >
> >My conclusion is that one should make the registry and file additions on
any
> >XP system so that failure recovery on new hardware is more convenient at
a
> >later time. Am I missing something here or is that about right.
> >
> >The second issue is that HAL. If the old and new systems are single CPU
> >ACPI mobos then everything works. It makes no difference is one is a VIA
> >chipset and Athlon and the other an Intel chipset and an Intel CPU. Do I
> >have this right so far?
> >
> >
> >Nope. Totally wrong. Can you fix a Ford with Chev parts?

Clueless. I did the research.

> >If one is going from a single CPU case to a new P4 supporting HT then one
> >must force in a new HAL for multiprocessor ACPI. Apparently that can be
> >done in Recovery console or by putting the HD in another system where
files
> >may be manipulated before attempting a boot on the new mobo. Right so
far?
> >
> >Are the above the only two issues? Will all the other gadgets and
chipsets
> >etc. be redetected and appropriate drivers installed? Will one be able
to
> >boot and move forward in most all cases if the above two issues are dealt
> >with?
> >
> >See http://michaelstevestech.com/moving_xp.html for factual
> >information about how to do this in Windows XP.

That page is by one of the old foggie "can't be done" set. The article impeaches itself early on with "Since the repair install in my opinion is an absolute necessity when changing a motherboard or moving a hard drive with XP installed, "

Check the URL in my opening post here by someone who is actually working the issue I'm interested in:

www.mostlycreativeworkshop.com/article11.html