

Re: P4 Prescott and SP2 not compatible!!

Source:

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From: Greg R (webworm12_at_yes.hotmail.com)

Date: 08/28/04

Date: Sat, 28 Aug 2004 09:41:34 -0500

Possible temporary fix.

The problem of SP2 not installing on Prescott (Celerons) and Extreme Edition CPUs has been identified. The problem appears to be due to the machine's BIOS not installing a production level microcode update.

To check whether the BIOS is at the correct level, download the Intel Processor Frequency ID utility from this page:

<http://support.intel.com/support/processors/tools/frequencyid/>

The microcode version is identified by this utility as "CPU Revision". So for this CPU:

* CPU Family = 15

* CPU Model = 3

* CPU Stepping = 4

The microcode revision should be at least 8 (if it is zero, then no microcode update was installed at all):

* CPU Revision = 8

If the microcode revision is not 8, then boot into Safe Mode. Rename the file %windir%\system32\drivers\update.sys so that it does not load. Apply the SP2 upgrade file and the machine should boot properly.

Frequently check the website of your motherboard manufacturer for BIOS updates as the above is a temporary workaround and may cause instability.

CQuirke have you tried this?

Greg R

>On Fri, 27 Aug 2004 18:42:50 -0500, "Greg Lirette [MSFT]" <gregoryl@online.microsoft.com> wrote:

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>To start the computer from the Windows XP CD-ROM, you must configure the
>basic input/output system (BIOS) of the computer to start from your CD-ROM
>drive.
>
>
>
>Insert the Windows XP CD-ROM into the CD-ROM drive, and then restart the
>computer.
>
>
>After the BIOS startup sequence finishes and immediately prior to Windows XP
>attempting to boot the following text will appear if the system is booting
>from the Windows XP CD.
>
>
>
>Press any key to boot from cd
>
>
>
>Press any key (for example spacebar) at this time
>
>
>
>When the "Welcome to Setup" screen appears, press R to start the Recovery
>Console.
>
> Select the installation of Windows XP that is currently not booting
>
>When you are prompted, type the Administrator password. If the administrator
>password is blank, just press ENTER.
>
>At the command prompt type the following commands and press enter or the
>return key
>
>cd system32
>
>cd drivers
>
>ren update.sys update.ren
>
>To exit the Recovery Console and restart the computer, type exit at the
>command prompt, and then press ENTER.
>
>This will allow the system to boot
>
>Navigate to the control panel and remove SP2 using add/remove programs
>
>
>The system vendor should be contacted as required using that vendor's
>escalation procedure.
>

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>
>*The system may need a newer BIOS that supplies at least the minimum*
>*production level microcode update as shown in the table below.*
>
>
>
>*Family 15 (0xF), model 3, stepping 4: Must have a microcode update signature*
>*of at least 8. Latest microcode update signature is E.*
>
>*Family 15 (0xF), model 3, stepping 3: Must have a microcode update signature*
>*of at least 7. Latest microcode update signature is B.*
>
>*Family 15 (0xF), model 3, stepping 2: Must have a microcode update signature*
>*of at least 7. Latest microcode update signature is A.*
>
>
>
>*It is possible to check the processor details using a utility from Intel:*
>
>
>
><http://support.intel.com/support/processors/tools/frequencyid/>
>
>
>
>*The field reported as "Revision" is the microcode update signature.*
>
>
>
>*After installing a correct BIOS on the system, the system should function as*
>*expected with Windows XP SP2.*
>
>
>*This posting is provided "AS IS" with no warranties, and confers no rights.*
>
>
>
>*"TheRedSunRiseth" <removethesun_crimson_castle@hotmail.com> wrote in message*
>*news:yINXc.10161\$D7.7646@news-server.bigpond.net.au...*
>> <http://cquirke.mvps.org/sp2intel.htm>
>>
>> Hello,
>>
>> I'm using a P4 Prescott and a Asus P4p800s (Prescott compatible)
>> motherboard.
>>
>> I've been using XP Pro with all updates done for over six months and it
>> worked like magic.
>>
>> But when I installed SP2 yesterday – the computer gets stuck at the
>> startup
>> screen. I can't even access safemode. I get a access is denied error

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>> *message*

>> *when I try to get to My Document folders in "cmd" mode.*

>>

>>

>

<http://www.angelfire.com/in4/computertips/>