

Re: Starting Windows 2000 hangs on new install.

Source: <http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.setup/2004-04/0573.html>

From: DL (dl_at_spoofmail.com)

Date: 04/25/04

Date: Sun, 25 Apr 2004 16:43:28 +0100

The problem lies with the cpu, mobo and win2k interacting with both
Its more likely to be the first two combination.

As for what/why???

You could I guess, try creating a new slipstreamed win2k install cd.

Though I confess I doubt it would make any difference

Another thing I notice there are three revisions of this mobo, you updated
correct drivers / bios for your revision?

–clutching at straws here?–

"Kevin Lawton" <kepla@btinternet.com> wrote in message
news:c6gimt\$d15\$1@hercules.btinternet.com...

> *Oh dear – no hope for me then ! :-(*

> *All the various bits for this new PC were gradually purchased last Autumn.*

I

> *was then busy working away from home over the winter so I only got the
time*

> *to try putting everything together about 3 weeks ago.*

> *Logically, I find it difficult to understand why one build using a set of*

> *components might work while another build using identical components might*

> *fail. I can accept that it might happen occasionally but, in the absence
of*

> *an actual fault somewhere, I can't understand it.*

> *Given that all other parts have been swapped, the logical conclusion is
that*

> *the problem lies between the CPU and Windows 2000. Either the XP2400 is*

> *unable to work in some way that only Windows 2000 (and no other op system)*

> *requires, or Windows 2000 is trying to do something with the XP2400 (and
not*

> *with other processors) which the XP2400 should not be doing. The problem*

> *lies in proving which one – the XP2400 or Windows 2000 – is faulty. In the*

> *absence of decent diagnostics from Windows 2000, and comprehensive CPU
test*

> *and diagnostic software, this is pretty much impossible.*

> *Purchasing either another XP2400 CPU, or another copy of Windows 2000, is*

> *not a financially viable option for me.*

> *The one thing I think I need now is some way forward. By all accounts an*

> *XP2400 on a GA-7VRXP should be able to run Windows 2000, so it is case of*

> *pin-pointing the problem.*

microsoft.public.win2000.setup: Re: Starting Windows 2000 hangs on new install.

> *Very grateful for all the help received so far, I'm hoping that somebody
> has a good idea.
> TIA
> Kevin.
>
> DL <dl@spoofofmail.com> wrote:
> | I mention BT merely as an example of my experience with a piece of
> | hardware not functioning, whilst on an identical setup it was ok.
> | I'm trying to point out; that there are occasions when with identical
> | setups one will work and the other will not.
> | The likelihood is that if you were able to swap out the mobo and cpu
> | for identical products it would be OK.
> | The only hope for this is if you bought at same time from same
> | supplier
> |
> | "Kevin Lawton" <kepla@btinternet.com> wrote in message
> | news:c6g47v\$clh\$I@hercules.btinternet.com...
> || DL <> wrote:
> ||| BT? – your ISP is BT
> ||
> || Well yes, my ISP is BT but I don't think they'd want to get involved
> || with a hardware or software problem on a machine which hasn't got as
> || far as being 'connected' yet. It can be bad enough (and very
> || time-consuming) trying to get BT to help when there's a connection
> || problem, or their DNS servers are down. Their expensive-to-call
> || helpdesk staff just follow a 'script' of inappropriate questions and
> || misleading suggestions (like insisting that I should re-install all
> || my software and buy a new router when they have a DNS problem !). I
> || can imagine they'd probably have me going out buying a new monitor,
> || or removing the HSF to see if the XP2400 gets warm enough ! Their
> || support is worse than useless – the only reason I stick with them is
> || because it would be too much hassle if I lost this e-mail address as
> || I use it to get work.
> || I've already tried swapping out the m/board for another identical
> || one – and the problem was identical too. I could have a shot at
> || trying to return the CPU, but I'd need to show that it is faulty
> || first. As it will merrily run Windows Me (or several other op
> || systems I've tried) with no problem then that is going to be
> || difficult. I could counter that with saying that a Duon 650 does run
> || everything fine.
> || The one variable I haven't tried in this 'equation' yet is a
> || completely different m/board. It might just be that the combination
> || of GA-7VRXP, XP2400 and Windows 2000 are incompatible. At the
> || moment, I can swap the XP2400 for a Duron 650, or swap Windows 2000
> || for Windows Me and get a result. What I haven't tried is some
> || different m/board. The main barrier with this is that a new m/board
> || is just as inaffordable as a new CPU.
> || I think my PC is bad for my mental health !
> || Kevin.
> ||
> ||| I spoke with them because I was able to identify the initial problem*

Re: Starting Windows 2000 hangs on new install.

> */// as been with their hardware.*
> */// The problem is that you have at least three pieces of kit, any of*
> */// which could be the problem, though its more likely to be hardware*
> */// than software. If you recently purchased mobo or cpu are you able to*
> */// exchange ?*
> *///*
> */// "Kevin Lawton" <kepla@btinternet.com> wrote in message*
> */// news:c6f48p\$irc\$I@titan.btinternet.com...*
> *//// DL <> wrote:*
> *///// Nothing special as far as I'm aware, I only had the problem with*
> *///// one AMD cpu, never cured it and I did swap it for another*
> *///// identical cpu, gave up, upgraded mobo and cpu.*
> *///// There have been reports of the occasional problems with various*
> *///// hardware and AMD, though this was some years ago, where seemingly*
> *///// with identical hardware one would have a conflict and the other*
> *///// wouldnt.*
> *///// I got into some deep conversations with BT and AMD over this*
> *///// issue.*
> */////*
> *///// BT ? – who are they ?*
> *///// I would really like for MS to be involved. After all, it is Windows*
> *///// 2000 which is going wrong and failing to provide an error message.*
> *///// I'll certainly have words with AMD support, who I expect will refer*
> *///// me to Gigabyte, who in turn will either ignore me or refer me*
> *///// elsewhere.*
> *///// The question is: if I were to go out and buy another GA-7VRXP*
> *///// m/board, AMD XP2400 processor, and a fresh shrink-wrapped copy of*
> *///// Windows 2000 would it all work ?*
> *///// Kevin.*
> */////*
> *///// "Kevin Lawton" <> wrote in message*
> *///// news:c6eqjg\$43g\$I@titan.btinternet.com...*
> *///// DL <> wrote:*
> *//////// I've changed mobo's and cpu's on many Win2K setups the only one*
> *//////// I had trouble with was a1.3Duron, and that was an heat problem,*
> *//////// even using OTT coolers – never got to the bottom of it!!*
> *////////*
> *//////// When I mentioned entering the bios I meant was the new cpu being*
> *//////// correctly identified*
> *////////*
> *//////// Yes – the BIOS identifies both the Duron 650 and the XP2400*
> *//////// correctly. In the Windows Me installation which works with either*
> *//////// processor (I swap HDs) I have a few utilities which can run*
> *//////// system identification and*
> *//////// benchmarking –*
> *//////// everything shows up correctly with all of them. What I don't have*
> *//////// is any software to fully test out a CPU. I can identify it, burn*
> *//////// it in and benchmark it – but not fully test it, the whole works –*
> *//////// all instructions, caches, pipelines, everything. I think that*
> *//////// this would have to be my next step short of actually buying*
> *//////// another XP2400 (ouch – my poor wallet). I guess there isn't a*

microsoft.public.win2000.setup: Re: Starting Windows 2000 hangs on new install.

> ||||| special way you have
> ||||| to install Windows 2000 on an XP processor because of the SSE
> ||||| instructions, is there ?
> ||||| TIA
> ||||| Kevin.
> |||||
> ||||| "Kevin Lawton" <> wrote in message
> ||||| news:c6deah\$2r\$1@sparta.btinternet.com...
> ||||| DL <> wrote:
> ||||| Sorry missed the line about mobo;
> ||||| No worries, mate, it was early on in the thread. ;-)
> ||||| With mobo switches on auto, Boots/Runs OK with Duran. – yes?
> ||||| Oh yes, yes, yes. I can even play around with the FSB and
> ||||| multiplier switches and overclock the Duron 650 up to 897 MHz
> ||||| and it still
> ||||| works fine. Solid processor, that Duron.
> ||||| Matrox drivers installed for win2k? – yes?
> ||||| Well, no they weren't. Matrox cards do the standard VESA modes
> ||||| properly so they are fine with Windows 'generic VGA card'
> ||||| drivers.
> ||||| I have now tried installing the latest Matrox drivers and guess
> ||||| what ? – no change.
> ||||| Change the cpu, restart, enter the bios and check settings, eg
> ||||| cpu.
> ||||| I've tried this, with the settings on auto and with the
> ||||| settings forcing the correct FSB and multiplier. I've even
> ||||| tried underclocking the XP2400 a bit. Still no change – works
> ||||| fine in Windows Me and hangs at Windows 2000 startup.
> ||||| If OK reboot from win2k installation disk (you may have to
> ||||| enable boot from cd in bios) and repair.
> ||||| Tried this and of course the repair installation hangs after
> ||||| the 'Starting Windows' progress bar again. Had to swap back to
> ||||| the Duron 650 to get that to finish again.
> ||||| Other than that you appear to have covered everything.
> ||||| That's what I thought, but there is still a problem. The way
> ||||| things are going I might be better off using this PC as
> ||||| landfill and 'cover everything' with concrete !
> ||||| Good luck
> ||||| I think I need more than luck – I need a miracle. At least, I
> ||||| could do with some decent diagnostics out of Windows 2000. I
> ||||| don't really want to have to spend the rest of my life trying
> ||||| to edit video on a Duron 650.
> ||||| Thanks for the help.
> ||||| Kevin.
> |||||
> ||||| "Kevin Lawton" <> wrote in message
> ||||| news:c61h6v\$R0f\$1@titan.btinternet.com...
> ||||| Sorry– I thought that was known. The motherboard is a Gigabyte
> ||||| GA-7VRXP (I have tried two samples) Rev1.1, as staed in my
> ||||| original post which is still at the foot of this thread.
> ||||| Originally I left the m/board switches for FSB and multiplier

Re: Starting Windows 2000 hangs on new install.

microsoft.public.win2000.setup: Re: Starting Windows 2000 hangs on new install.

> ||| in the 'auto' setting, as was the memory bus clock. Since
> ||| then I've tried slowing things down from 133 MHz to 100 MHz
> ||| on the FSB (effectively 266 -> 200 due to DDR), and from 166
> ||| MHz to 133 MHz then 100 MHz on the memory bus clock (DDR =
> ||| 333 -> 266 -> 200). Same result every time - problem
> ||| persists.
> ||| M/board BIOS is 'F12', which is the latest on the Gigabyte
> ||| web site. Not too sure what else I can adjust without doing
> ||| damage. Kevin.
> |||
> ||| DL <> wrote:
> ||| If I understand correctly;
> ||| Using Duran, win2k installed and booted correctly
> ||| With XP2400 it wouldnt boot (Win98 is I believe slightly
> ||| more hardware 'fault' tolerant)
> ||| If this is the case might suggest a mobo setting, with this
> ||| cpu, or possibly bios update required.
> ||| What is the mobo?
> |||
> ||| "Kevin Lawton" <> wrote in message
> ||| news:c60fh8\$dc7\$1@sparta.btinternet.com...
> ||| I'm on about as mininal as the system can go anyway, the
> ||| only card being the Matrix G400 graphics card.
> ||| I've tried swapping every system component individually
> ||| for a replacement - except for the processor (expensive
> ||| !). The
> ||| same result every time - the system hangs when the
> ||| 'Starting Windows' progress bar completes. With a fresh
> ||| install, this
> ||| is as far as I can get - the install
> ||| hasn't completed sufficiently to give me any 'recovery'
> ||| options.
> ||| I did try swapping out the XP2400 processor for an old
> ||| Duron 650 - and it worked fine ! Problem with that is
> ||| that the Duron 650 doesn't give enough performance for the
> ||| video editing I'm
> ||| planning to do.
> ||| After the system was fully working with the Duron 650 I
> ||| went back to the XP2400 and the problem re-emerged just
> ||| the same.
> ||| I also tried installing Windows Me and that runs on the
> ||| XP2400 fine, so I'm not inclined to blame the processor.
> ||| Could there be something which Windows 2000 is doing with
> ||| the XP2400 which doesn't happen with a different processor
> ||| or op system ?
> ||| I'm really confused with this - any help gratefully
> ||| appreciated. Kevin.
> |||
> ||| DL <> wrote:
> ||| Tried installing to min sys, Monitor, KeyB, mouse,cd - no
> ||| cards, extra hardware

Re: Starting Windows 2000 hangs on new install.

microsoft.public.win2000.setup: Re: Starting Windows 2000 hangs on new install.

> ////////////////////////////////// and or with a single DDR?
> //////////////////////////////////
> ////////////////////////////////// "Kevin Lawton" <> wrote in message
> ////////////////////////////////// news:15bf201c41b60\$b9c8a000\$a601280a@phx.gbl...
> ////////////////////////////////// I've just installed Windows 2000 onto a new machine and
> ////////////////////////////////// it hangs indefinitely when the 'Starting Windows'
> ////////////////////////////////// progress bar completes. No error messages or re-boots –
> ////////////////////////////////// it just hangs. Machine spec:
> ////////////////////////////////// AMD XP2400 processor,
> ////////////////////////////////// Gigabyte GA-7VRXP m/board,
> ////////////////////////////////// 2 x 256 Mb DDR PC2700 RAM,
> ////////////////////////////////// 330w PSU,
> ////////////////////////////////// Seagate 60 Gb HDD.
> ////////////////////////////////// The m/board, memory and HDD have been swapped-out with no
> ////////////////////////////////// change in result. The system can boot into DOS, from
> ////////////////////////////////// either floppy or HD fine.
> ////////////////////////////////// I think I might have seen similar problems reported
> ////////////////////////////////// before, but don't recall seeing any solution.
> ////////////////////////////////// Please help.
> ////////////////////////////////// Regards,
> ////////////////////////////////// Kevin.
>
>