

Re: Starting Windows 2000 hangs on new install.

Source: <http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.setup/2004-04/0552.html>

From: DL (dl_at_spoofmail.com)

Date: 04/24/04

Date: Sat, 24 Apr 2004 20:48:27 +0100

I've changed mobo's and cpu's on many Win2K setups the only one I had trouble with was a 1.3Duron, 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

"Kevin Lawton" <kepla@btinternet.com> 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 !*

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> / *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\$I@titan.btinternet.com...*
> // *Sorry– I though 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 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" <kepla@btinternet.com> wrote in message*
> /// *news:c60fh8\$dc7\$I@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.*

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> *//// 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 <dl@spoofofmail.com> wrote:*
> *////// Tried installing to min sys, Monitor, KeyB, mouse,cd – no cards,*
> *////// extra hardware*
> *////// and or with a single DDR?*
> *//////*
> *////// "Kevin Lawton" <kepla@btinternet.com> 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.*
>
>