

Re: Windows XP reboots

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2005-04/msg00435.html>

- *From:* "Peter" <Peter@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 5 Apr 2005 02:17:02 -0700
-

GV,

I have sent the email to your directly with the following messages:

Go to the following links to update the mobo BIOS and chipset drivers:

For mobo: http://www.tyan.com/support/html/b_s2390b.html

http://www.tyan.com/support/html/flash_utilities.html#AwardFlash

How to flash BIOS: http://www.tyan.com/support/html/how_to_flash.html

For VIA chipsets: <http://www.viaarena.com/default.aspx?PageID=2>

Pls use the 4 in 1 drivers version 4.43

Go to nvidia.com to download the latest WHQL drivers.

Link: http://www.nvidia.com/object/winxp_2k_71.84.html

Go to creative.com to download the latest XP drivers. You can try the autoupdate.

If it is not available for auto-update, select the correct drivers from the list.

If you still keep the original SB box, you can easily find the right drivers.

>From your hardware list, it should be Sound Blaster Live!

For auto-update link: <http://us.creative.com/support/downloads/>

For SB Live!: <http://us.creative.com/support/downloads/download.asp>

Read carefully before download and install the drivers.

You should download the Sound Blaster Live!- LiveDrvUni-Pack dated 28 Feb 03

Care: must not download the Sound Blaster Live!-Driver Patch dated 28 Feb 03 as it is

intended for updating the patch for the previous LiveDrvPack dated 17 July 2002

Proper procedures for updating BIOS and drivers:

CARE: Backup all your important data files before performing any BIOS/chipset drivers update.

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1. Go to the appropriate websites to download the BIOS/drivers and save them to the various specific folders. If your hardisk had partitioned, save them to the drive other than the C drive.
Unzip them if required. Strictly following the instructions from Tyan website for how to flash the BIOS.
2. Before flashing the BIOS, disconnect any unnecessary external devices, e.g. printer, scanner, USB flash drive etc.
Make sure all the internal devices/power cables are properly and firmly seated/connected.
Change the mobo battery if it is over 3 years (possible battery type CR2032)
Make sure your home electric power supply is stable and should not operate any machines or electric equipments that consume large amount of electricity during the flash BIOS status.
You should use the Award Flash Utility Flashv73 as your BIOS version is older than 1.1
3. Read and print the instructions from Tyan.com for how to backup and flash BIOS using the Flash Utility.
Always backup your existing BIOS before flashing the new BIOS.
After the new BIOS is flashed successfully, clear the CMOS and then load the default BIOS setup and then adjust the BIOS to suit your needs than save and exit BIOS setup.
Tips: if anything happened during the flash BIOS status (except fire hazard, joking Ha Ha), do NOT power off the PC and just run the flash utility again.
4. If windows loaded successfully, the BIOS has successfully flashed and updated.
Run msconfig and disable the antivirus softwares in the startup tab. Do not reboot at this time.
5. Change the display resolution to VGA mode, reboot the PC.
6. After reboot, keep the display in VGA mode and check to ascertain antivirus is not running at the background.
7. Go to Add or remove program to remove the creative audio drivers and all creative applications, remove the nvidia drivers as well then reboot the PC.
8. After reboot, install the VIA 4 in 1 drivers and then reboot into BIOS, check to ensure DMA mode are enabled for all IDE channels (both Primary and Secondary IDE channels, master and slave)
Disable any on-board sound/video if any than save and exit BIOS setup.

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9. After windows loaded successfully, go to device manager to check for the DMA mode.

Right click My Computer/Properties/Hardware/Device Manager/
Double click IDE ATA/ATAPI Controllers, double click Primary IDE Channel, click the Advanced Setting Tab

In the Device 0, the Transfer mode should be "DMA if available" and the Current Transfer Mode should be

"Ultra DMA Mode 4" for ATA66 harddisk and "Ultra DMA Mode 5" for ATA 100 Harddisk.

Device 1 should be "not applicable" as you have not installed a slave drive.

Check the Secondary IDE channel, the Device 0 should show "Ultra DMA mode 2" for your NEC writer

Device 1 should be "not applicable" as no device is attached to this channel.

10. Now, install the latest nvidia drivers, do not disturb until your are prompted to reboot.

Adjust the display resolution to your desire after the nvidia drivers are successfully installed.

11. Install the latest creative SB Live! – LiveDrvUni–Pack drivers, reboot when prompted.

12. After reboot, check to ensure your PC is now working properly.

If everything OK, run msconfig again and click "Enable All" under the startup tab, click Apply and OK the reboot.

13. Ensure the antivirus is running at the background. Enable the XP firewall if you don't have a 3rd party firewall installed.

Go to windows update site to update all the necessary patches.

I assume you have installed SP1, you can choose to install SP2 if all your hardwares are comptible to SP2.

DO NOT INSTALL SP2 if your are in doubt that not all your hardwares/softwares are comptible to SP2.

14. Right click My Computer/Properties/System Restore, click the settings button and change the restore space to around 500MB.

15. Run disk cleanup and then run defrag to improve the bootup performance.

Pls let us know the outcome.

Peter,

"GV" wrote:

> Hopefully, this will help.Let me know if I missed something

>

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>
>
> Motherboard:
>
> Motherboard Name Tyan S2390B Trinity KT-A
>
> Motherboard Chipset VIA VT8363A Apollo KT133A chipsets,
>
>
>
> CPU Type AMD Athlon-PECM, 1200 MHz (9 x 133)
>
>
>
> Memory Module Properties:
>
> Socket Designation BANK_0
>
> Type DIMM, SDRAM
>
> Speed 60 ns
>
> Installed Size 128 MB
>
> Enabled Size 128 MB
>
>
>
> [Memory Modules / BANK_1]
>
>
>
> Memory Module Properties:
>
> Socket Designation BANK_1
>
> Type DIMM, SDRAM
>
> Speed 60 ns
>
> Installed Size 128 MB
>
> Enabled Size 128 MB
>
>
>
> Video Adapter NVIDIA RIVA TNT2 Model 64/Model 64 Pro
>
> (Microsoft Corporation) (32 MB)
>
> 3D Accelerator nVIDIA RIVA TNT2 M64

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>
> Monitor CTX VL950, EX950, PL9 Series, 19-Group
>
> 95KHz/160Hz [19" CRT]
>
>
>
> Audio Adapter Creative EMU10K1 SB Live! Audio Processor
>
>
>
> optical drives,
>
> Optical Drive _NEC DVD_RW
> ND-3500AG (DVD+R9:4x, DVD+RW:16x/4x, DVD-RW:16x/4x, DVD-ROM:16x,
> CD:48x/24x/48x DVD+RW/DVD-RW)
>
> SMART Hard Disks Status OK
>
>
>
> harddrives,
>
> IDE Controller VIA Bus Master IDE Controller
>
> Floppy Drive Floppy disk drive
>
> Disk Drive WDC WD600BB-75CAA0 (55 GB, IDE)
>
>
>
> BIOS version of the mobo
>
> BIOS Type Award Modular (10/18/01)
>
> Vendor Award Software International, Inc.
>
> Version 6.00 PG
>
> Release Date 10/18/2001
>
> BIOS Properties:
>
> BIOS Type Award Modular
>
> Award BIOS Type Award Modular BIOS v6.00PG
>
> Award BIOS Message TYAN TRINITY KT-A V1.10 101801
>
> System BIOS Date 10/18/01
>

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> Video BIOS Date 10/20/00
>
>
>
> drivers version of all the hardwares/chipsets.
>
> Cdrom CD-ROM Driver
>
> cdrom.sys 5.1.2600.2180 Kernel Driver
> Running
>
>
>
> Creative Audio Driver (WDM)
> ctaud2k.sys 5.12.1.296 Kernel Driver
>
>
>
> Imapi CD-Burning Filter Driver
> imapi.sys 5.1.2600.2180 Kernel Driver
> Running
>
>
>
> redbook Digital CD Audio Playback Filter Driver
> redbook.sys 5.1.2600.2180 Kernel Driver
> Running
>
>
>
> Installed Drivers nv4_disp (6.14.10.5673 –
> nVIDIA Detonator 56.73)
>
> Memory Size 32 MB
>
>
>
> Device Properties:
>
> Driver Description WDC WD600BB-75CAA0
>
> Driver Date 7/1/2001
>
> Driver Version 5.1.2535.0
>
> Driver Provider Microsoft
>
> INF File disk.inf
>
>
>

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> [_NEC DVD_RW ND-3500AG]
>
>
>
> Device Properties:
>
> Driver Description _NEC DVD_RW
> ND-3500AG
>
> Driver Date 7/1/2001
>
> Driver Version 5.1.2535.0
>
> Driver Provider Microsoft
>
> INF File cdrom.inf
>
>
>
>
>
>
>
>
>
>
> "namniar" <this@that> wrote in message
> <news:eLAS3wMOFHA.1268@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx
>> GV,
>>
>> You can use the results from Belarc but edit out things such as software
>> keys (like s/n codes for XP, Office etc.). These can be used for
>> software piracy.
>>
>> Listing the types of hardware and software titles will not cause you any
>> issues.
>>
>> r.
>>
>>
>> "Peter" <Peter@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>> <news:73A3729F-6041-4C52-A85F-679762D9838B@xxxxxxxxxxxxxxxxxxxxx
>>> Hi,
>>>
>>> NG means newsgroup.
>>> It is very risky to provide a true email address in the internet common
>>> chatroom unless you want to be attacked by spam mails and virus. Hackers
>>> are
>>> using scanning softwares to scan the internet looking for the unawared
>>> victoms.
>>> Pls feel free to provide the necessary info to the NG so that someone may
>>> help you.

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>>> Infact, you only need to post the required config of your PC for
>>> diagnosis,
>>> i.e., the mobo, chipsets, CPU, ram sticks, vedio card/chips, sound
>>> card/chips, optical drives, harddrives, BIOS version of the mobo and
>>> drivers
>>> version of all the hardwares/chipsets. These are all essential components
>>> of
>>> a PC.
>>>
>>>
>>>
>>> Peter
>>>
>>> "GV" wrote:
>>>
>>>> I have run the program, but am really not interested in putting all my
>>>> computer data on the internet. I tried to reply to just you. It came
>>>> back
>>>> undeliverable.
>>>> Any suggestions?
>>>> Not sure what you meant reply "NG"
>>>>
>>>>
>>>> "Peter" <Peter@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>>>> news:9F625BDE-D84A-4E55-99BA-44C127BAF4A5@xxxxxxxxxxxxxxxxxxxx
>>>>> Hi,
>>>>>
>>>>> Further more, you may also go to this website to download the free
>>>>> Everest
>>>>> Home edition. It provides more detail info on your PC than the Belarc
>>>>> Advisor.
>>>>>
>>>>> Link: <http://www.lavalys.com/products.php?lang=en>
>>>>>
>>>>>
>>>>> Peter
>>>>>
>>>>> "Peter" wrote:
>>>>>
>>>>>> Hi,
>>>>>>
>>>>>> Pls post back with the detail spec of your PC:
>>>>>> Brand and model of the mobo as well as the BIOS version
>>>>>> Chipsets – Intel, Via or Sis and the INF version
>>>>>> Brand and model of the audio card/on-board audio chips and drivers
>>>>>> version
>>>>>> Brand and model of the vedio card/on-board vedio chip and driver
>>>>>> version
>>>>>> Brand and model of the DVD writer/CD-rom
>>>>>> Brand and model of printer, scanner, digicam, etc and the drivers
>>>>>> version.

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> >>> >>
> >>> >> I think you got some corrupted drivers or XP incompatible drivers on
> >>> >> some
> >>> >> hardware devices. To get those info, you may go to belarc.com to
> >>> >> download
> >>> >> the
> >>> >> free Belarc Advisor.
> >>> >> After installing belarc advisor, you can get the detail info by just
> >>> >> a
> >>> >> click.
> >>> >>
> >>> >> Pls post back to NG.
> >>> >>
> >>> >> Peter
> >>> >>
> >>> >>
> >>> >>
> >>> >> "GV" wrote:
> >>> >>
> >>> >> > I am a mere chemist and don't really understand what all the advice
> >>> >> > on
> >>> >> > that
> >>> >> > web page means:
> >>> >> > Cause
> >>> >> > The pool is already corrupt at the time of the current request.
> >>> >> >
> >>> >> > This may or may not be due to the caller.
> >>> >> >
> >>> >> > Resolving the Problem
> >>> >> > The internal pool links must be walked to figure out a possible
> >>> >> > cause
> >>> >> > of the
> >>> >> > problem.
> >>> >> >
> >>> >> > Then you can use special pool for the suspect pool tags, or use
> >>> >> > Driver
> >>> >> > Verifier on the suspect driver.
> >>> >> >
> >>> >> >
> >>> >> >
> >>> >> > I don't even have a swimming pool, much less a special pool with
> >>> >> > tags!
> >>> >> > :)
> >>> >> >
> >>> >> > I have updated all drivers that I could find. I have updated the
> >>> >> > mobo
> >>> >> > Bios.
> >>> >> > There really is no driver separate from the XP installed drivers
> >>> >> > for my
> >>> >> > DVD
> >>> >> > writer/reader.

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> >>> >> >
> >>> >> >
> >>> >> >
> >>> >> >
> >>> >> >
> >>> >> >

> >>> >> > "Peter" <Peter@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
> >>> >> > news:4A2AA32F-69CC-4864-870C-FA3B93786D4D@xxxxxxxxxxxxxxxxxxxx
> >>> >> > Hi,

> >>> >> >>
> >>> >> >> Pls read this link:
> >>> >> >>

http://msdn.microsoft.com/library/default.asp?url=/library/en-us/ddtools/hh/ddtools/BCCodes_41b509a7-4580-4fd8-

> >>> >> >>
> >>> >> >> Check to ensure you install all XP compatible drivers for all he
> >>> >> >> devices.
> >>> >> >> Go to the mobo manufacturer's website to download the latest XP
> >>> >> >> compatible
> >>> >> >> chipset drivers. Update the BIOS as well then load default setup.
> >>> >> >>
> >>> >> >> Hope it helps.

> >>> >> >>
> >>> >> >> Peter
> >>> >> >>

> >>> >> >>
> >>> >> >> "GV" wrote:
> >>> >> >>

> >>> >> >>> OK, I got Windows reconfigured for not automatically restarting.
> >>> >> >>> A little history. I just upgraded to WinXP. I did a full install
> >>> >> >>> so
> >>> >> >>> I
> >>> >> >>> could
> >>> >> >>> convert my disk to NTFS. This was my real motive in upgrading.
> >>> >> >>> Previously
> >>> >> >>> I
> >>> >> >>> was running 98. While running Win98, I backed up most of my
> >>> >> >>> computer
> >>> >> >>> to
> >>> >> >>> DVD's using Burn for Free (a freeware program that is real easy
> >>> >> >>> to
> >>> >> >>> use
> >>> >> >>> for
> >>> >> >>> simple backups). Tonight I have been trying to copy some of my
> >>> >> >>> backed up
> >>> >> >>> music videos to my hard-drive.
> >>> >> >>> Here is what I have noted in tonight's attempts:

> >>> >> >>>>
> >>> >> >>>> File 1 Same file that caused problems last week and prompted
> >>> >> >>>> my
> >>> >> >>>> initial
> >>> >> >>>> problem. When I inserted the CD, explorer popped up and I opened
> >>> >> >>>> the

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> >>> >> >>> folder
> >>> >> >>> where the music videos are stored on my DvD. I selected File 1
> >>> >> >>> and
> >>> >> >>> copied
> >>> >> >>> it, then navigated to the directory on my hard drive where I
> >>> >> >>> wanted
> >>> >> >>> to
> >>> >> >>> copy
> >>> >> >>> it. I hit paste (the reason for all the detail in a minute) and
> >>> >> >>> the
> >>> >> >>> copy
> >>> >> >>> appeared to be copying just fine. Just at the end of the copying
> >>> >> >>> process
> >>> >> >>> the
> >>> >> >>> computer crashed to the BSOD. I received the error message shown
> >>> >> >>> here:
> >>> >> >>> Bad_Pool_Header
> >>> >> >>> Lots of other standard suggestions like "Disable Bios Memory
> >>> >> >>> Options
> >>> >> >>> such
> >>> >> >>> as
> >>> >> >>> caching and shadowing" and then:
> >>> >> >>> Technical data
> >>> >> >>> STOP: 0X00000019 (0X00000020, 0XE15ED000, 0XE15EDDF8,
> >>> >> >>> 0XFFBFFFBF)
> >>> >> >>> Beginning dump of physical memory
> >>> >> >>>
> >>> >> >>> Interestingly, when I returned to the directory on the hard
> >>> >> >>> drive, I
> >>> >> >>> found
> >>> >> >>> that File 1 had 65.2 Mb just like the original file on the dvd).
> >>> >> >>> However,
> >>> >> >>> it
> >>> >> >>> would not play correctly past about 1 minute.
> >>> >> >>>
> >>> >> >>> After restarting, I tried another file (File 2). Same process
> >>> >> >>> used
> >>> >> >>> above,
> >>> >> >>> and same results except no Bad_Pool_Header message and I had the
> >>> >> >>> following
> >>> >> >>> Technical Data:
> >>> >> >>> STOP: 0X0000008E (0XC000001D, 0XBF800A3A, 0XF5283CD0,
> >>> >> >>> 0X00000000)
> >>> >> >>> Win32k.sys - Address BF800A3A base at BF800000
> >>> >> >>> Datestamp 00000000
> >>> >> >>>
> >>> >> >>> Again, after restarting, I went to a third file, only this time
> >>> >> >>> I
> >>> >> >>> did
> >>> >> >>> something a little different. I navigated to the dvd folder, and
> >>> >> >>> copied

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> >>> >> >> the
> >>> >> >> file, then WITHOUT NAVIGATING TO THE HARD DRIVE FOLDER I simply
> >>> >> >> pasted
> >>> >> >> the
> >>> >> >> file into the directory. Voila! File 3 copied fine. I then
> >>> >> >> proceeded
> >>> >> >> to
> >>> >> >> copy
> >>> >> >> files 1 and 2 from above using the same method. So I figured, no
> >>> >> >> big
> >>> >> >> deal, I
> >>> >> >> can adjust to that. But when I did navigate to the directory on
> >>> >> >> the
> >>> >> >> hard
> >>> >> >> drive that I copied the video files to, the computer crashed
> >>> >> >> again,
> >>> >> >> this
> >>> >> >> time, at least offering to send an error message, but then
> >>> >> >> proceeding to
> >>> >> >> the
> >>> >> >> BSOD and reporting:
> >>> >> >> IRQL_NOT_LESS_OR_EQUAL
> >>> >> >> with the following technical data:
> >>> >> >> STOP: 0X00000000 (0X81C9D514, 0X00000002, 0X00000000,
> >>> >> >> 0X804EF57E)
> >>> >> >>
> >>> >> >>
> >>> >> >> SO, quite an adventure tonight. Maybe someone can help. Thanks.
> >>> >> >>
> >>> >> >>
> >>> >> >>
> >>> >> >>
> >>> >> >> "Peter" <Peter@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
> >>> >> >> news:FEF11E6F-8A90-4562-82E9-3DD250B480C4@xxxxxxxxxxxxxxxxxxxxx
> >>> >> >> > Hi,
> >>> >> >>
> >>> >> >> > Right click My Computer/Properties/Advanced, click the
> >>> >> >> > Settings
> >>> >> >> > button
> >>> >> >> > in
> >>> >> >> > the startup and Recovery area, uncheck the box "automatically
> >>> >> >> > restart"
> >>> >> >> > in
> >>> >> >> > the
> >>> >> >> > System failure area, click OK and the reboot.
> >>> >> >> > Try access the DVD writer, you may receive a BSOD instead of
> >>> >> >> > restarting.
> >>> >> >> > Write down the complete warning message and post back to the
> >>> >> >> > NG
> >>> >> >> > so
> >>> >> >> > that

Re: Windows XP reboots

- ◆ **Windows XP reboots**
 - ◇ From: GV
- ◆ **RE: Windows XP reboots**
 - ◇ From: Peter
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- ◆ **Re: Windows XP reboots**
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