Subject: issues with my 8800GT nvidia card
Posted by Romaner on Wed, 23 Apr 2008 21:44:50 GMT

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here are my specs

sonata mrk 3 case,

EVGA 512-P3-N802-AR GEFORCE 8800GT 512MBDDR3 SUPERCLOCKED

850w psu, by antec.
5200x2 amd, @ stock speeds.
2x2gb kingston ram @800mhz.
m2n32-sli deluxe/wifi edition asus mobo.

now the problem is that i can play any non graphycally demanding game for hours, use any applications just fine, dont even need to increase the fan speed from the factory settings of 29%.

once i do start playing games that demand more off the GPU i turn the fan up to 90% and make sure the temps dont go over 60C which im told for video cards is pretty low.

so once i turn on the fan and go to play a game like hellgate london, or guitar hero or crysis. it works for a while anywhere from 30 mins to a couple of hours, and then it freezes the screen.

like for a few seconds i can see a picture of whatever was displayed before (kindof like a really badly taken screenshot) with some discolored pixels in there.
then screen goes black, blue screen of death comes on. with a report saying somethine like; "your system has recovered from serious error" or crash cant remember. then it says something along the lines of "dumping bad memory".

then screen goes completely black untill i hit reset button.

i downloaded the latest available forceware drivers, and now im really out of ideas.

i dont know if bios has anything to do with this or if this is a faulty card.

another random issue i noticed is that it sometimes has fps drops... like in crysis for example. everything is running nice and smooth then all of the sudden its as if i got 10fps or some really low number of frames.

i originally though it was my ram that it was referring to, so i changed the ram to other sticks and it didnt make any difference

any help is appreciated.

Subject: Re: issues with my 8800GT nvidia card
Posted by HeavyX101- Left on Wed, 23 Apr 2008 22:16:59 GMT
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Aha reason for blaming nvidia
i dotn think u could get alot of help here
i recommand going here it will help alot
i'm really sorry that that is happening to u
my desktop video card is being a bitch too

Subject: Re: issues with my 8800GT nvidia card
Posted by Ryu on Thu, 24 Apr 2008 06:02:55 GMT
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What OS are you using, also nvidias drivers are starting to go down hill lately.

Subject: Re: issues with my 8800GT nvidia card
Posted by gkl21 on Thu, 24 Apr 2008 12:16:52 GMT
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I had a similar situation with my 8600GTS ... (Screen freezes or I get the BSOD, on XP and Vista).. It came down to ordering a new motherboard. My new board, the one now, is XFX Nforce 650I Ultra Conroe and no issues with it on XP and Vista.

I think it also had to do with nVidia drivers, that's where the .dmp files were pointing to. Tried all kinds, but none fixed it (before).

Edit: The old board was not a nVidia chipset either. I believe it was AsRock who made it... (hybrid board)

Subject: Re: issues with my 8800GT nvidia card
Posted by Caveman on Thu, 24 Apr 2008 12:39:19 GMT
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I could give you more information on how to troubleshoot this if you can give me the error code you get from the BSOD...

Could be a number of things causing this.. So until I get more info I can't really help.

Subject: Re: issues with my 8800GT nvidia card
Posted by Romaner on Thu, 24 Apr 2008 15:11:04 GMT
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it was freezing with xp and now with vista. my motherboard is nvidia chipset, and so is the vid card.

someone on the nvidia forums suggested that i should underclock it, since it was factory superclocked. i did clock it down from 650/950 to 617/919 and i got to play for over an hour with no problems, and the GPU teps didnt not exceed 65C.

i think what im going to do tonight is clock it back up to factory settings, then play guitar hero since that was the game it crashed the most on.

then i will write down the error number or full description basically some more info.

then i will try it again with underclocking the card and see what happens. as of last time i tried it would not let me play more than 3 songs without crashing so should be easy.

Subject: Re: issues with my 8800GT nvidia card
Posted by Ryu on Thu, 24 Apr 2008 18:18:50 GMT
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Romaner wrote on Thu, 24 April 2008 16:11it was freezing with xp and now with vista. my motherboard is nvidia chipset, and so is the vid card.

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then i will write down the error number or full description basically some more info.

then i will try it again with underclocking the card and see what happens. as of last time i tried it would not let me play more than 3 songs without crashing so should be easy.

Sounds like the the inside of your case is getting really hot and your processor is getting to a certain temp and shutting down, Try downloading a program called Speedfan (google) and if your PSU is good enough, boost up the rpm on your fans, mainly the fan that blows air out of your case.

Subject: Re: issues with my 8800GT nvidia card
Posted by Romaner on Thu, 24 Apr 2008 19:08:52 GMT
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why would you say its my processor?

my processor is never above 50C i said my GPU, the grapics card is at 65C which is pretty low for it.

and on top of that when i do get the BSOD it says something about bad memory, not temperatures.

Subject: Re: issues with my 8800GT nvidia card
Posted by Caveman on Thu, 24 Apr 2008 22:52:11 GMT
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As I said more details about the error report will greatly speed up the process to fixing your problem.

Subject: Re: issues with my 8800GT nvidia card
Posted by renohol on Thu, 24 Apr 2008 23:37:31 GMT
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Hey Romaner, I like to browse this forum every so often and the guys here seem pretty smart so I will attach this link to a similar problem as yours and maybe u can surf the site more for even better info.

http://forums.guru3d.com/showthread.php?t=259933

Subject: Re: issues with my 8800GT nvidia card
Posted by Ryu on Fri, 25 Apr 2008 09:17:47 GMT
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Romaner wrote on Thu, 24 April 2008 20:08why would you say its my processor?

my processor is never above 50C i said my GPU, the grapics card is at 65C which is pretty low for it.

and on top of that when i do get the BSOD it says something about bad memory, not temperatures.

Oh I dunno.. BSOD? Over heating? yeah, when your graphics card cuts out usually, and logically it shouldn't display a screen, So I assumed it's a processor that's causing the problem.

You could still try and let some cool air in your case and save yourself from under clocking your graphics card.

Subject: Re: issues with my 8800GT nvidia card

Posted by [Goztow](#) on Fri, 25 Apr 2008 10:21:03 GMT
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Or use the vacuum cleaner to get all dust out .

Subject: Re: issues with my 8800GT nvidia card
Posted by [Romaner](#) on Fri, 25 Apr 2008 14:22:03 GMT
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yeah i think this weekend i will take off the side of the case and see if that improves it at all.

but i still doubt its the temperatures. i will update my bios and drivers so that i can rule that out.

for some reason i was playing yesterday for like 2 hours and it didnt crash. which kinda pissed me off since i was intentionally making it crash, by turning up all the settings to max and it still didnt.

and i know that once i give up on trying to figure this out, it will crash again.

about cleaning my case, it has filter on the intake side so all i got to do is clean those and inside should still be clean.

what i was thinking of doing is buying a more powerful cpu fan, since lets face it 5200x2 isnt all that good anymore, and i will be overclocking it a little bit sometime closer to next year.

thanks for the help. i will check that site out, renohol, thanks

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Subject: Re: issues with my 8800GT nvidia card
Posted by [Romaner](#) on Mon, 28 Apr 2008 15:01:36 GMT
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update,

played some more this weekend and the game crashed 2 different times. in both cases the screen went blank i openned task manager and alt+tabbed out of the game, to see vista message saying "your video driver has stopped responding and has since recovered". the game however was completely crashed and i had to shut it down.

so then i assume its clear as to what the problem is...

or is there anything else that can cause this?

btw my temps at the time, CPU @49C, mobo @48C, GPU @59C

Subject: Re: issues with my 8800GT nvidia card
Posted by Goztow on Mon, 28 Apr 2008 15:26:47 GMT
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Eronuous Vista drivers? Have you tried on xp?

Subject: Re: issues with my 8800GT nvidia card
Posted by Romaner on Mon, 28 Apr 2008 18:42:33 GMT
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yep this problem has been haunting me since xp...

i moved to vista thinking it was going to solve it for me, yes i was naive to think that.

i guess im just going to have to wait untill nvidia decides to release new drivers for its 8800 series, however it seems that right now all they care about are the 9800 series i think it is.

also on the nvidia forums lots of people are saying to stay away from ntune, which i currently use. so i think im going to uninstall of the nvidia drivers and ntune, and start over without using ntune. maybe rivatune instead

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Subject: Re: issues with my 8800GT nvidia card
Posted by Chuck Norris on Tue, 29 Apr 2008 13:40:08 GMT
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Romaner wrote on Mon, 28 April 2008 09:01update,

played some more this weekend and the game crashed 2 different times. in both cases the screen went blank i openned task manager and alt+tabbed out of the game, to see vista message saying "your video driver has stopped responding and has since recovered". the game however was completely crashed and i had to shut it down.

so then i assume its clear as to what the problem is...

or is there anything else that can cause this?

btw my temps at the time, CPU @49C, mobo @48C, GPU @59CIf thi is the case, the card is fine and the drivers are the problem. My parent's PC has Windows Vista and it used to do the same thing (although it had Intel GMA 950 or something like that). The thing is, when video drivers crash in XP, it'll BSOD. In Vista, I think they moved the drivers to the user, so if they crash in Vista, they can just restart, thus the alert after they've recovered. Intel has poor drivers for Vista apparently, becuase his kept doing that when he played his basketball game (not graphically demanding at all). I bought him a cheap Saphire Radeon X1550 256MB (and 2GB, since he had only 1GB for Vista) and apparently ATi's Vista drivers are good, becuase he said his game no longer freezes and his PC is quicker.

Point is, that message means it's the drivers, so while you're stuck with the problem, the card is good. Those temperatures are also within spec.

Subject: Re: issues with my 8800GT nvidia card
Posted by Romaner on Tue, 29 Apr 2008 14:35:21 GMT
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Chuck you meant that Nvidia and not intel has poor drivers for Vista, right?

i think i know what you are saying. but its frustrating, after forking out a decent (280$) amount of cash i find myself in a hole, since nvidia are now all about their 9800 series they "forgot" to provide support for their 8800 series. which by no means are bug free. i say that because for the last 2 weeks i have been hanging around the nvidia forums and there are atleast 5 posts a day where people are having issues with their cards because of poor drivers.

don't really know what i can do now, bought my card about 4 months ago, so i doubt that i can still return it. according to nvidia website there have been no new drivers for this card since December. i see alot of people saying there are some beta drivers out there but i cant find them

i think my next card is going to be ATI since this is getting ridiculous.
/bitching

btw the card that i have is EVGA 512-P3-N802-AR GEFORCE 8800GT 512MB DDR3 SUPERCLOCKED PCI-E 2.0 D+D+HD

Subject: Re: issues with my 8800GT nvidia card
Posted by Chuck Norris on Tue, 29 Apr 2008 18:21:53 GMT
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No, I indeed meant Intel. My parent's PC has (had) Intel onboard GMA, and the Vista drivers Intel has for that does the same thing you're saying your nVidia one does. To be honest though, I've heard that BOTH nVidia's and ATi's drivers have gone downhill.

Subject: Re: issues with my 8800GT nvidia card
Posted by Romaner on Tue, 29 Apr 2008 20:59:12 GMT
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damn thats not what i was hoping to hear.... about the drivers going downhill that is

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Subject: Re: issues with my 8800GT nvidia card
Posted by EA-DamageEverything on Tue, 29 Apr 2008 23:20:40 GMT

Remove one DDR2-DIMM as you can't use 4GB fully when using non-64bit XP or non-64bit Vista. It's useless running a 32bit OS with more than 3GB of Ram. Sell the DIMM on Ebay.

Even though Vista recognizes the 4GB Ram it can't deal with them even if your CPU supports PAE (which of course all modern CPUs do) and you have turned Memory remapping on. XP however is limited to ~3,5GB too and doesn't show up 4GB in the system properties tab.

If you are using the manufacturers videocard driver which came with the videocard, get the driver from Nvidia and vice versa.

Be sure that your M2N has a new or at least stable BIOS. The M2N series are well-known for some bugs/issues. Run a stability test for at least 30 minutes. Get Memtest as an ISO, burn and run it.

Subject: Re: issues with my 8800GT nvidia card
Posted by Romaner on Tue, 29 Apr 2008 23:30:46 GMT

hey thanks for the input,

i am running 64 bit vista so all my ram is showing

i tried using the drivers that came with the card but vista would not let me install them, kept telling me there is something wrong with the drivers or that they were not compatible cant remember exactly what it was. but it would not even let me install the 64 bit vista version of drivers.

i never updated the mobo drivers, so i guess i should start with that. also i tried to stress test the system and it always froze up. ofcours i was using ntune, which even on the nvidia forums i was told is a piece of crap so i am going to try memtest and rivatune this weekend.

however one thing i dont know how to do is flash my bios.
as far as i was told i download some iso file and put it on a floppy or burn it on cd, then put it in and reboot? and it should take over from there? or are there some sort of programs that flash bios? also if the latest version of bios make my system unstable is there a way to go back? just take out the battery on the mobo? or insert the cd that came with my mobo?

yeah thats why i never bothered with it... too much can go wrong

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Subject: Re: issues with my 8800GT nvidia card
Posted by exnyte on Wed, 30 Apr 2008 02:03:36 GMT

I have a 512MB GeForce 8500 GT. I had the BSOD problems with XP about 3-5 minutes into any

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3D intensive application, but not with Vista. BSOD was always blaming nv4_disp.dll. I installed the card on an already installed Windows installation (Vista was installed after the card was). I since have had to reinstall Windows XP (clean install, all formated drives) for something else unrelated and I can now play any 3D intensive game now for hours on end with no problems. I haven't had to replace any hardware at all. I have a TForce4 U775 motherboard which also has the Nvidia chipsets.

Subject: Re: issues with my 8800GT nvidia card
Posted by Romaner on Wed, 30 Apr 2008 14:51:20 GMT
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yeah i see what you mean, this is also on my to do list.

the ideas i have so far that im going to try this weekend are one to remove all previous drivers using driversweeper.

then im going to get the beta forceware drivers and try those, and im going to update my bios somehow.... since right now im not 100% sure on how to do that but im sure there will be someone out there who can help me.

any other suggestions are appreciated.

edit: im also going to remove ntune, and replace it with rivatune and atitool