

Forum:[Hack Forums](#)

Thread: [Memory_Management help \(Blue Screen\)](#)

105234 - July 1, 2016, 5:38 pm

I get this errors when I join a CSGO game and i'm not sure why, and my computer shut down twice randomly because it was repairing itself. These are the two errors I get...

Spoiler ([Click to View](#))

Sorry for the pictures being so big

ProtectNull™ - July 2, 2016, 12:09 am

Whats your graphics card?

105234 - July 2, 2016, 1:17 am

(Jul 2, 2016 12:09 AM)ProtectNull™ Wrote: [\[CITE\]](#) Whats your graphics card? GTX 970

So far what i did is try reinstalling all the graph drivers. Didn't work. I tried booting in safe mode.. didn't work. I tried Reinstalling windows, didn't work. Could the memory be the problem?

ProtectNull™ - July 2, 2016, 1:40 am

(Jul 2, 2016 01:17 AM)105234 Wrote: [\[CITE\]](#) GTX 970

So far what i did is try reinstalling all the graph drivers. Didn't work. I tried booting in safe mode.. didn't work. I tried Reinstalling windows, didn't work. Could the memory be the problem?

Are both your ram's the same CL Latency + capacity?

105234 - July 2, 2016, 1:45 am

(Jul 2, 2016 01:40 AM)ProtectNull™ Wrote: [\[CITE\]](#) Are both your ram's the same CL Latency + capacity? Yeah same stuff, viper xtreme (Gay memory, but cheap)

ProtectNull™ - July 2, 2016, 2:48 am

(Jul 2, 2016 01:45 AM)105234 Wrote: [\[CITE\]](#) Yeah same stuff, viper xtreme (Gay memory, but cheap)

Run a memtest <http://www.memtest.org/>

Around 5 passes. If it has any errors during the test let me know.

105234 - July 2, 2016, 3:02 am

(Jul 2, 2016 02:48 AM)ProtectNull™ Wrote: [\[CITE\]](#) Run a memtest <http://www.memtest.org/>

Around 5 passes. If it has any errors during the test let me know. So what i did was took out one of the sticks and left one in and used the windows 10 memory diagnosis and one of them was able to run but the other one didn't run and kept giving me the blue screen, does that mean the stick is done for?

ProtectNull™ - July 2, 2016, 3:16 am

(Jul 2, 2016 03:02 AM)105234 Wrote: [\[CITE\]](#) So what i did was took out one of the sticks and left one in and used the windows 10 memory diagnosis and one of them was able to run but the other one didn't run and kept giving me the blue screen, does that mean the stick is done for?

Are these ram sticks new? if so you can RMA that one. If not, make sure to place the suspected ram stick into the PC, run a memtest with 5 passes. If it has errors then it should be the ram.

105234 - July 2, 2016, 3:25 am

(Jul 2, 2016 03:16 AM)ProtectNull™ Wrote: [\[CITE\]](#) Are these ram sticks new? if so you can RMA that one. If not, make sure to place the suspected ram stick into the PC, run a memtest with 5 passes. If it has errors then it should be the ram. I bought both sticks on feb 8, not sure if i could still RMA. And the thing is when i put the suspected ram stick into the PC, windows doesn't load, just keep getting blue screen and it gets in this loop were it keeps restarting

ProtectNull™ - July 2, 2016, 3:31 am

(Jul 2, 2016 03:25 AM)105234 Wrote: [\[CITE\]](#) I bought both sticks on feb 8, not sure if i could still RMA. And the thing is when i put the suspected ram stick into the PC, windows doesn't load, just keep getting blue screen and it gets in this loop were it keeps restarting

Oh, so the ram itself isn't making Windows load, I thought it doesn't make the a certain program load.

If that is the case then its a ram problem, I had this on a PC I had to fix recently. Both ram sticks were inserted and it would consistently crash.

105234 - July 2, 2016, 3:33 am

(Jul 2, 2016 03:31 AM)ProtectNull™ Wrote: [\[CITE\]](#) Oh, so the ram itself isn't making Windows load, I thought it doesn't make the a certain program load.

If that is the case then its a ram problem, I had this on a PC I had to fix recently. Both ram sticks were inserted and it would consistently crash. But why would the ram just randomly not work, had it only for a couple months.. also when i keep both in, it doesn't let me load games, or memory-hungry programs.

ProtectNull™ - July 2, 2016, 3:37 am

(Jul 2, 2016 03:33 AM)105234 Wrote: [\[CITE\]](#) But why would the ram just randomly not work, had it only for a couple months.. also when i keep both in, it doesn't let me load games, or memory-hungry programs.

Good question, there are a lot of ways a ram could be damaged such as

Power Surges, Static, Heat, and problems with the RAM itself, as you have told me its a cheap ram, maybe the ram did not pass the tests in the quality control and it became worse as time goes by.

105234 - July 2, 2016, 3:40 am

(Jul 2, 2016 03:37 AM)ProtectNull™ Wrote: [\[CITE\]](#) Good question, there are a lot of ways a ram could be damaged such as

Power Surges, Static, Heat, and problems with the RAM itself, as you have told me its a cheap ram, maybe the ram did not pass the tests in the quality control and it became worse as time goes by. What brand do you recommend?

ProtectNull™ - July 2, 2016, 3:44 am

(Jul 2, 2016 03:40 AM)105234 Wrote: [\[CITE\]](#) What brand do you recommend? Where are you from and whats your budget range?

105234 - July 2, 2016, 3:46 am

(Jul 2, 2016 03:44 AM)ProtectNull™ Wrote: [\[CITE\]](#) Where are you from and whats your budget range? USA, and around 60-70 not looking to spend a lot since i already spent a lot of my build..

ProtectNull™ - July 2, 2016, 3:51 am

I personally use the G.SKILL ram, no problems so far.

2 x 4gb (8gb total) set (\$36.99 free shipping)

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820231428>

Or you can have the 16gb version (2 x 8gb for \$67 free shipping)

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820231615>

105234 - July 2, 2016, 4:02 am

(Jul 2, 2016 03:51 AM)ProtectNull™ Wrote: [\[CITE\]](#) I personally use the G.SKILL ram, no problems so far.

2 x 4gb (8gb total) set (\$36.99 free shipping)

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820231428>

Or you can have the 16gb version (2 x 8gb for \$67 free shipping)

<http://www.newegg.com/Product/Product.aspx?Item=N82E16820231615> Better than the corsair vengeance?

How long have you had it?

ProtectNull™ - July 2, 2016, 4:17 am

(Jul 2, 2016 04:02 AM)105234 Wrote: [\[CITE\]](#) Better than the corsair vengeance?

How long have you had it?

Corsair Vengeance and GSKILL can't be compared to each other because of the Cas Latency difference and such. Personally I find that the G.SKILL Ram has been reliable to most people here on HF when I was still helping people in the Hardware Section, and mostly have recommended using the G.SKILL ram.

I had my ram for around 3 years now.

105234 - July 2, 2016, 4:03 pm

(Jul 2, 2016 04:17 AM)ProtectNull™ Wrote: [\[CITE\]](#) Corsair Vengeance and GSKILL can't be compared to each other because of the Cas Latency difference and such. Personally I find that the G.SKILL Ram has been reliable to most people here on HF when I was still helping people in the Hardware Section, and mostly have recommended using the G.SKILL ram.

I had my ram for around 3 years now. Alright man thanks, going to give it a try. Will it work with the Z97X-SLI motherboard? Dumb question...

ProtectNull™ - July 2, 2016, 4:28 pm

(Jul 2, 2016 04:03 PM)105234 Wrote: [\[CITE\]](#) Alright man thanks, going to give it a try. Will it work with the Z97X-SLI motherboard? Dumb question...

That should work, its a DDR3 motherboard with a DDR3 G.SKILL RAM Kit.

?

105234 - July 3, 2016, 1:52 am

(Jul 2, 2016 04:28 PM)ProtectNull™ Wrote: [\[CITE\]](#) That should work, its a DDR3 motherboard with a DDR3 G.SKILL RAM Kit.

?Alright man, thanks for all the help