

Forum:[Hack Forums](#)

Thread: [PC Underperforming with 1080ti - Help please!](#)

Cyam - April 17, 2020, 3:20 pm

Specs:

- CPU: Intel Core i7-8700K - 3.7GHz
- GPU: ASUS ROG STRIX GTX1080ti GeForce 11GB OC Edition
- Motherboard: ASROCK h370m pro4 lga 1151
- PSU: Corsair 650W
- RAM: 16 GB DDR4

I've watched Youtube tests in Warzone and guy was getting a steady 120-140FPS with almost same specs.

Meanwhile I get 55-60 fps in crowded area and about 80-90FPS Max!

Look screenshot:

Spoiler [\(Click to View\)](#)

It also happened in Shadow of the Tomb Raider where FPS dropped to 35-40 in crowded areas (I'm 100% sure that's not supposed to happen with this rig)

I'm sure my GPU isn't bottlenecking CPU so what could be the problem?

I'm hoping someone who knows better than me can solve this. Would overclocking my CPU fix the issue?

EDIT: I have Acer XF240H 144HZ 1080p monitor

Velma - April 17, 2020, 3:45 pm

I am pretty sure at this point its a faulty GPU cause everything should be running smoothly unless you got something in the background running which is draining your gpu and maybe check your nvidia settings you might find something that is turned on which should not be on.

Bottlenecking is myth yes it does happen but you would never notice it unless you have a Pentium chip or something with specs little this bottlenecking does not exist

Malthemar - April 17, 2020, 3:46 pm

I know this probably sounds like simple advice, but you should look into your power options just to make sure that you aren't running on a balanced power plan.

Other than that, you should look into the 3D Settings on the control panel.

Good luck finding a resolution, I know how frustrating this can be.

Cyam - April 17, 2020, 3:50 pm

(Apr 17, 2020 03:45 PM)Shpelvin Wrote: [\[CITE\]](#) I am pretty sure at this point its a faulty GPU cause everything should be running smoothly unless you got something in the background running which is draining your gpu and maybe check your nvidia settings you might find something that is turned

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I doubt it's faulty GPU as guy I've bought it from ""CLAIMS"" he only did some rendering on it and used it maybe total of 30 days in 2 years.

I've read that re-installing windows helped someone on Reddit so I might try that as well. At this point I got nothing to lose.

I also read that 1080ti on 1080p is overkill and that CPU can't keep up with it (that's why I considered overclocking). I mean hell, I have 8700k I should overclock it for the sake of it

Velma - April 17, 2020, 4:00 pm

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have you upped the res to 1440p like u said yesterday and was to raider fine after reinstalling all the drivers plus i know that COD is a very demanding game and i have seen some crazy gaming pcs have problems with cod.

was looking on the nvidia site and people are saying to change power plan and make sure its on gaming performance.

Dont think you need to overclock that aint necessary, one thing that i would recommend is go into to your bios and check ram speed as this happend to me once and my pc was not running games properly and it turned out to be that my ram was not at normal speeds.

Marxist - April 17, 2020, 4:43 pm

What do you resource usages look like when playing games?

Breeze26509 - April 17, 2020, 4:48 pm

(Apr 17, 2020 03:50 PM)Yung Gravy Wrote: [\[CITE\]](#) I also read that 1080ti on 1080p is overkill and that CPU can't keep up with it (that's why I considered overclocking). I mean hell, I have 8700k I should overclock it for the sake of it

You're not going to be able to overclock the CPU with that H370. You need a Z370/Z390 board to overclock.

Can you link the video that you were looking at? Are you using the same settings as the guy in that video?

Cyam - April 17, 2020, 4:59 pm

(Apr 17, 2020 04:00 PM)Shpelvin Wrote: [\[CITE\]](#) have you upped the res to 1440p like u said yesterday and was to raider fine after reinstalling all the drivers plus i know that COD is a very demanding game and i have seen some crazy gaming pcs have problems with cod.

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I didn't up the resolution, should I try it?

I thought it worked fine and it did while I was in the jungle, but the moment I entered crowded city my FPS dropped to 35-40...

What are normal speeds for RAM?

(Apr 17, 2020 04:43 PM)Marxist Wrote: [\[CITE\]](#) What do you resource usages look like when playing games?

Can you elaborate? Turns out I'm not really good at this stuff lol.

There is a screenshot in OP.

Here is userbenchmark: <https://www.userbenchmark.com/UserRun/26782387>

I don't understand what's going on there, but it may help

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Yeah I'm aware that I can't overclock CPU with my current motherboard.

<https://www.youtube.com/watch?v=YpRn8NOKDp4>

KEEP IN MIND this guy set it on ULTRA averaging about 100-110 FPS constantly.

I lowered my graphics to normal/high and had 60FPS.

My CPU is not overclocked though like his, but could that make such a huge difference?

ALSO: When I tried lowering quality to LOW on Shadow of the Tomb Raider I still couldn't get past 60 FPS in the city.

This is when I realized there is definitely something wrong..

Velma - April 17, 2020, 5:15 pm

Try and change the res and you need to find out what ram you have and check what speeds it should be on and then go in the bios look for ram and see the speed that it is on.

Marxist - April 17, 2020, 5:23 pm

(Apr 17, 2020 04:59 PM)Yung Gravy Wrote: [\[CITE\]](#) I didn't up the resolution, should I try it?

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Increasing your resolution would only make a difference if your frames were hella high and your CPU usage was bottle necking your GPU. (Where higher res=lower frames, which means less frames per second the CPU has to keep up with)

Keep an eye on your resources and temps when playing a game. Maybe your computer isn't using your graphics card for some reason. My first step in troubleshooting this sort of thing is to use DDU to uninstall the driver, and reinstall the newest driver.

<https://www.guru3d.com/files-details/display-driver-uninstaller-download.html>

Velma - April 17, 2020, 5:29 pm

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He has already done this and i am running out ideas what he could possibly do.

Breeze26509 - April 17, 2020, 5:31 pm

(Apr 17, 2020 04:59 PM)Yung Gravy Wrote: [\[CITE\]](#) Yeah I'm aware that I can't overclock CPU with my current motherboard.

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This is when I realized there is definitely something wrong..

Well he is also running his 8700k at 5 GHz all-core, while yours is probably only boosting up to 4.7 on 1 core at best, or 4.3 all core boost.

I would try:

- Disabling DirectX Raytracing in game if you haven't already
- Running a scan and repair through the battle.net launcher
- Disable Discord overlay, and disable hardware acceleration in Discord as well
- Disable game optimizations in Geforce Experience, I lost the thread, but someone said that it might be enabling some features that work well on RTX cards on your non-RTX card (I would say this is almost certainly the problem, since it's happening in not just Warzone)

Cyam - April 17, 2020, 6:02 pm

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I did all but #2 step and didn't help me.

I was still having 60-65 FPS in game entire time and it didn't get higher even when I was looking at the ground.

Temperatures were fine.

GPU Usage was about 98%, while CPU usages were 40-50%

EDIT: Even in COD4 where I could easily reach 1000 fps in some areas I can't even get stable 333 fps. I will try re-installing windows tomorrow if that doesn't help I will RMA the card

Cyam - May 18, 2020, 7:55 am

UPDATE:

I'm happy I didn't RMA the card. I bought new motherboard (MSI MPG Z390 GAMING PRO CARBON ATX) and new RAM (Corsair Vengeance RGB Pro 32 GB) and turbo clocked my CPU through BIOS and now it works.

Writing this in case anyone has the similar problem.

Mango™ - May 18, 2020, 9:33 am

Stupid question... Are you connected from Monitor to GPU? You'd be surprised the silly mistakes you make while building.

Yac1ne - May 18, 2020, 9:53 am

Do other games run as expected ? can you post some screenshots of the game settings ? if you

have dxr enabled then that might be why, gtx cards can't handle raytracing

Cyam - May 18, 2020, 11:01 am

(May 18, 2020 09:33 AM).ODESSA. Wrote: [\[CITE\]](#) Stupid question... Are you connected from Monitor to GPU? You'd be surprised the silly mistakes you make while building.
I already mentioned in last post that it's fixed and of course it was connected to GPU :)

(May 18, 2020 09:53 AM)Yac1ne Wrote: [\[CITE\]](#) Do other games run as expected ? can you post some screenshots of the game settings ? if you have dxr enabled then that might be why, gtx cards can't handle raytracing
It's fixed, I had this problem most likely due to underperforming RAM.

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(May 18, 2020 11:01 AM)Sardonyx Wrote: [\[CITE\]](#) I already mentioned in last post that it's fixed and of course it was connected to GPU :)

It's fixed, I had this problem most likely due to underperforming RAM.
Nice, glad you got it working. I'm struggling with overheating issues for my i9 9900k currently!

Ortek - May 19, 2020, 3:48 pm

(May 18, 2020 11:15 AM).ODESSA. Wrote: [\[CITE\]](#) Nice, glad you got it working. I'm struggling with overheating issues for my i9 9900k currently!
That's a known issue with the i9 series. Idk about your budget but if you can afford an i9 I suppose you could afford a Kraken X72?
It solves your problem and even leaves some room to OC (which I do not recommend on an i9, so at your own risk)

Mango™ - May 19, 2020, 4:06 pm

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It solves your problem and even leaves some room to OC (which I do not recommend on an i9, so at your own risk)
Whats weird is if I max out my fans/gpu fans with my case enclosed, it overheats. If I take off the top and front panel of my case, it doesn't.. I'm hoping with this new radiator (newer liquid, probably more liquid) it will make a huge difference. I'm running at 5.1ghz and mainly play Tarkov.

Ortek - May 19, 2020, 4:10 pm

(May 19, 2020 04:06 PM).ODESSA. Wrote: [\[CITE\]](#) Whats weird is if I max out my fans/gpu fans with my case enclosed, it overheats. If I take off the top and front panel of my case, it doesn't.. I'm hoping with this new radiator (newer liquid, probably more liquid) it will make a huge difference. I'm running at 5.1ghz and mainly play Tarkov.
I hope that will do the trick. Personally i stick with the Kraken series for the Intel cpu's and Enermax Tr4 360 for the Threadripper.
I dont use Ryzen cpu's.

Let me know how it goes, im curious.
Good luck

Mango™ - May 19, 2020, 4:24 pm

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Good luck

I've heard the Kraken series are really good. I went with Fractal because it matched my color scheme for one, and two I know they make quality products. I've heard nothing but good things about them so we'll see how it goes. My brother uses the Kraken and he likes it.

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Yeah they're good, if not the best. I used almost all of the models from Kraken and they never disappoint me.....i mean never.

And for the Enermax TR4 360, i havent found another liquid cooler with the same performance.....yet.

By the way, are you using Thermal Grizzly Conductonaut Liquid Metal?

Mango™ - May 19, 2020, 4:37 pm

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By the way, are you using Thermal Grizzly Conductonaut Liquid Metal?

What is the Grizzly liquid metal? Thermal paste? If so, I'm using arctic silver I believe. Willing to change up of course.

Blazin - May 19, 2020, 4:37 pm

(May 19, 2020 04:06 PM).ODESSA. Wrote: [\[CITE\]](#) Whats weird is if I max out my fans/gpu fans with my case enclosed, it overheats. If I take off the top and front panel of my case, it doesn't.. I'm hoping with this new radiator (newer liquid, probably more liquid) it will make a huge difference. I'm running at 5.1ghz and mainly play Tarkov.

I know kraken is good but I've never tried them. I also got a i9-900K and I went with the CORSAIR Hydro Series, H115i and it keeps the chip at a nice temp at least in my rig. Keep in mind it is a hot chip.

Mango™ - May 19, 2020, 5:06 pm

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Yea found that out the hard way. That puppy for sure gets up to temps quick. If I leave my case panels open it seems to have better air flow. I think I just need to upgrade the fans + case and I'll be fine.

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Yeah you'll want a case with good airflow and a aggressive cooler to keep that thing cool.

Mango™ - May 19, 2020, 5:18 pm

(May 19, 2020 05:09 PM)Blazin Wrote: [\[CITE\]](#) Yeah you'll want a case with good airflow and a aggressive cooler to keep that thing cool.

I was thinking of something in the lines of the Meshify C or the Thermaltake View 71 with an aggressive setup.