

Forum:[Hack Forums](#)

Thread: [LOW GPU/CPU USAGE WHILE LOW FPS GAMING \[50 euro reward for help \]](#)

K A T A N A - August 8, 2021, 9:52 am

Specs:

Processor: Intel® Core™ i7-10750H CPU @ 2.60GHz, 2592 Mhz, 6 Core(s), 12 Logical Processor(s)

GPU: NVIDIA GeForce RTX 3070 Laptop GPU MAX-Q 8GB

16 GB ram

144 hz Display Screen

Problem:

For example i do benchmark to test me gpu performance while doing test me gpu usage is 99% and cpu 99% and i get high fps.

But when i start a game for example "RUST" me gpu/cpu usage is only going around 20% 40% and i get low FPS.

What i have tried:

Updated all computer drivers including BIOS from intel official websites using official program to scan missing drivers.

Uninstall Video Drivers using Safe Mode and installing again.

Re-Installing game.

Already Disabled HPET

Battery Mode is set on max performance.

Tried to set game on HIGH priority.

Tried Razer Cortex.

Tried overclock GPU using MSI Afterburner [BUT SADLY THIS LAPTOP GPU DOESNT ALLOW CHANGE CORE VOLTAGE]

Tried to put game in Windows Gaming tab where u select max performance for specified game.

Nvidia Control Panel settings is on max performance.

All battery saving features are disabled.

Bios doesn't have advanced features so can't do much but already tried to disable/enable every available feature.

If someone can help me to fix that i am able to pay 50 euros no problem.

RobertPort2040 - August 8, 2021, 12:08 pm

He is struggling to exchange 0.03 XMR & you can think he will pay you 50€ , beware ?

Xen - August 9, 2021, 1:09 am

(Aug 8, 2021 09:52 AM)K A T A N A Wrote: [\[CITE\]](#) Specs:

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What laptop is it? Are you doing all this on or off wall power or both?

What sort of temperatures are you getting? Is it an immediate loss of performance or gradual? Some laptops have very abrupt power limiters when it comes to thermal throttling.

What FPS are you getting? You need to also understand a benchmark is designed to ramp up your GPU and CPU to 100% a game will only use what it can so it is possible you're just running poorly optimised game settings and games. Your GPU won't run at 100% to make it run faster it'll run at 100% if it NEEDS to - same as your CPU.

K A T A N A - August 10, 2021, 8:47 am

(Aug 9, 2021 01:09 AM)Xen Wrote: [\[CITE\]](#) What laptop is it? Are you doing all this on or off wall power or both?

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So there is no way to increase usage %

Xen - August 10, 2021, 12:22 pm

(Aug 10, 2021 08:47 AM)K A T A N A Wrote: [\[CITE\]](#) So there is no way to increase usage %

If you read my post it can be a number of reasons why. The % is just telling you how much is being used. Your GPU won't use more than it needs to.

Could you provide some information on the questions I asked, what laptop it is etc etc etc

SIM-5033784 - August 10, 2021, 5:40 pm

Benchmarks and Crypto mining push your GPU to the absolute limit whereas other applications only use what they need. Especially older games simply don't require as much processing power to render a scene. You should check the game's graphics settings as well, many games set a limit of 60 or even 30 fps unless you turn it off.

K A T A N A - August 11, 2021, 2:13 pm

(Aug 10, 2021 05:40 PM)catgirldev Wrote: [\[CITE\]](#) Benchmarks and Crypto mining push your GPU to the absolute limit whereas other applications only use what they need. Especially older games simply don't require as much processing power to render a scene. You should check the game's graphics settings as well, many games set a limit of 60 or even 30 fps unless you turn it off.
i get 70 80 fps on rust... with these specs

webdev77 - August 11, 2021, 2:29 pm

(Aug 11, 2021 02:13 PM)K A T A N A Wrote: [\[CITE\]](#) i get 70 80 fps on rust... with these specs
Sounds like nothing is wrong. The RTX 3070 Max Q variant is likely performing exactly as it is meant to. Disable all power saving features in Windows and set your power plan to maximum performance.

K A T A N A - August 11, 2021, 3:13 pm

(Aug 11, 2021 02:29 PM)webdev77 Wrote: [\[CITE\]](#) Sounds like nothing is wrong. The RTX 3070 Max Q variant is likely performing exactly as it is meant to. Disable all power saving features in Windows and set your power plan to maximum performance.

Already did all performance customization watched all videos in youtube. but usage is going from 20% to 50% seems like this card can do 2x times more as nothing.

Cpu usage is low as well. Temperatures is low as well not even fans turning on 70% after hour playing.

I understand that game is not optimized but There must be way to increase usage.

Russian bear - August 11, 2021, 9:14 pm

maybe RAM delayed try to enable XMR in bios

K A T A N A - August 12, 2021, 5:39 am

(Aug 11, 2021 09:14 PM)Russian bear Wrote: [\[CITE\]](#) maybe RAM delayed try to enable XMR in bios

bios is simple only couple features to turn on off

HOMODIN - August 12, 2021, 5:48 am

(Aug 12, 2021 05:39 AM)K A T A N A Wrote: [\[CITE\]](#) bios is simple only couple features to turn on off
What laptop is it?

What os are you using? -I assume win10 and that you haven't done a clean install of it

KKB - August 12, 2021, 9:04 am

Your laptop doesn't have a problem, it's the Unity Engine that has a problem.

If your bios has the options, it's been said actually disabling hyperthreading (ikr, wtf?) and only having 4 cores active somehow helps.

Would be suggesting the complete opposite for a title on literally any other game engine.

