

Forum:[Hack Forums](#)

Thread: [Getting high resolution screenshots for editing](#)

nn84743 - June 28, 2016, 12:54 pm

I don't know if this is the correct category to post this thread on or at PC gaming. If a moderator thinks so, please move it to the appropriate category.

I'm doing a little project where I take in-game screenshots and manipulate the image through Photoshop, adding effects, compositing etc. What I want to do is to obtain the highest possible quality screenshots in order to have a more "professional" workflow. With Dxtory I am able to print screen 1920x1080 lossless PNG images which is fine, but I was wondering what if I set the game at 4K? Would that get me a 3840x2160 image or is the resolution limited to what my monitor displays?

The game I'm talking about is Black Desert Online and it has a photo mode for making poses with the characters and hiding all the player menus. I'm getting the GTX 980 Ti GPU soon and I believe it won't be a problem driving the game at 4K (it will be temporary, just to take the screenshots), but if I can't use this method on my 1080p monitor, is there any other way?

Hulk - June 29, 2016, 1:24 am

I'm pretty sure you can't take 4K resolution screenshots if you'r monitor doesn't accept the input from it.

But I'd be amazed if it's possible, never seen anything that could do that tho.

Good luck working this out

nn84743 - June 29, 2016, 1:32 am

(Jun 29, 2016 01:24 AM)Hulk Wrote: [\[CITE\]](#) I'm pretty sure you can't take 4K resolution screenshots if you'r monitor doesn't accept the input from it.

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That's what I thought too. I wonder if there's a software program that can communicate with the graphics API and bypass this problem. I mean, if the game can run at 4K even my monitor is 1080p and I just see a bit more sharpness, wouldn't a said program be able to extract that exact 4K information?

nn84743 - June 30, 2016, 4:39 am

Well, I did a bit more research and apparently what I'm asking is possible. According to this reddit thread, with Dynamic Super Resolution you can set the game to run at 4K even if your monitor is of lower resolution and then take screenshots:

https://www.reddit.com/r/GlobalOffensiveTrade/comments/2to4nf/psa_how_to_take_4k_screenshots_on_a_1080p_monitor/

I'm just wondering how hard is this for the GPU. Do you think I could be alright with the GTX 980 Ti?

Karsten Smith - June 30, 2016, 10:12 pm

The 980ti should be good enough to run the game for a screenshot. What game is it? That will have a huge roll in the resolution and quality you run things, however the 980ti is a high end card, I don't believe that you will have issues.

nn84743 - July 1, 2016, 3:26 am

(Jun 30, 2016 10:12 PM)Karsten Smith Wrote: [\[CITE\]](#) The 980ti should be good enough to run the game for a screenshot. What game is it? That will have a huge roll in the resolution and quality you run things, however the 980ti is a high end card, I don't believe that you will have issues.

It is for Black Desert Online. I don't care about high FPS for 4K. I will be playing the game at 1080p and switch to 4K only when I will want to take the highest quality screenshots.

Conscious - July 1, 2016, 3:28 am

Hope this helps:

[Video: <https://www.youtube.com/watch?v=9jH4jbfimKg>]

? PROFIT ? - July 1, 2016, 3:28 am

If the game has a built in screenshot feature it should be possible.

Yung Metro - July 1, 2016, 3:36 am

Your monitor has to support it I believe, it won't get better than that. I'm pretty sure there's some software for this sort of stuff out there tho.

nn84743 - July 1, 2016, 3:41 am

(Jul 1, 2016 03:28 AM)CharlieManson Wrote: [\[CITE\]](#) Hope this helps:

I don't know if this is the Nvidia DSR filter. This official video below came out just a few months after the one you posted.

[Video: <https://www.youtube.com/watch?v=rSUSYaa6C9s&feature=youtu.be>]

I'm a bit worried about the monitor issues mentioned in the first video though. Don't you think that by now the could have at least "ironed" out the possibility of damaging your display?

nn84743 - July 7, 2016, 1:13 pm

Sorry for double posting.

I'm updating the thread because I just read about Nvidia ANSEL which essentially is, exactly what I am looking for. The only problem is that I'm not sure if it will be supported by any game or specific ones, like Witcher 3.

[Video: <https://www.youtube.com/watch?v=nanaE-vnjo8>]

If it does not support Black Desert Online, I guess I'll have to use DSR to get my screenshots.

Rugaru - July 7, 2016, 11:18 pm

You mean game screenshots? or screenshots from anywhere?

nn84743 - July 29, 2016, 5:06 am

(Jul 7, 2016 11:18 PM)Rugaru Wrote: [\[CITE\]](#) You mean game screenshots? or screenshots from anywhere?

Sorry for the late reply. I mean in game screenshots.

YinYang - July 31, 2016, 3:23 am

(Jun 29, 2016 01:24 AM)Hulk Wrote: [\[CITE\]](#) I'm pretty sure you can't take 4K resolution screenshots

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Good luck working this out

You can, I have a 1080p monitor and I used to take 4k screen from CS:GO

I have an Nvidia card, so all I did was go to the nvidia control panel, crank the resolution to 200%.

You can actually see a tiny bit of difference (Maybe due to antialiasing, I'm note sure) But when you take a screenshot it will be (if your capturing program allows it) in 4k.

Hope this helped. ?

nn84743 - August 1, 2016, 7:35 am

(Jul 31, 2016 03:23 AM)YinYang Wrote: [\[CITE\]](#) You can, I have a 1080p monitor and I used to take 4k screen from CS:GO

I have an Nvidia card, so all I did was go to the nvidia control panel, crank the resolution to 200%.

You can actually see a tiny bit of difference (Maybe due to antialiasing, I'm note sure) But when you take a screenshot it will be (if your capturing program allows it) in 4k.

Hope this helped. ?

Thanks, I already found about that. I'm actually searching for a bit more elegant solution but until there's ANSEL support for Black Desert Online, I'll be either doing this or supersampling using GeDoSaTo.