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r/SteamDeck



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r/SteamDeck • 2 yr. ago

CaosMaker96



Streaming from PC with moonlight in 800p

[Guide](#)

After some research, I came up with a method to stream from my PC to the deck with [moonlight](#), using the correct resolution (1280x800 16:10) so I don't have the black bars.

This requires the usage of [Sunshine](#) instead of Geforce Experience, as it allows to run commands with the apps.

Also as there is no way (or I found none) to change the display res from cmd or powershell without installing extra software, I used [this little tool](#). Place the exe file in a folder where you can find it later.

Install Sunshine and after the normal setup go into apps and add the game you want, and click the add button under "Command Preparations", this adds two spaces for commands to be run when an app starts and when it closes, so in the first type `c:\ChangeScreenResolution.exe /d=0 /w=1280 /h=800` replacing the file path if it's different, I have it in C root, then in the other field type `c:\ChangeScreenResolution.exe /d=0 /w=1920 /h=1080` to reset the resolution to fullHD (change it if it's higher)

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45



29



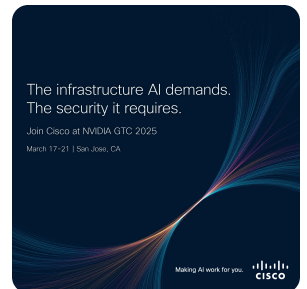
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Shock-n-ROAR • 2y ago

This was very handy, thank you!



3



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idk, someone calls that supersampling but I don't think that it adds something...
im now playing atomic heart and can't notice any difference between before that it was running in fullhd and now in 800p (other than the black bars)

 2 [Reply](#) ...**philiplefty** • 2y ago

For some reason I can't get the 'ChangeScreenResolution' program to work. I downloaded, and when I try to open it a window opens and instantly closes. Does anyone have any ideas or workarounds?

 2 [Reply](#) ...**RyanIt234** • 2y ago

You have to run it from command prompt (Win key > cmd > enter), say if you place CSR in C: drive, your command will be `c:\ChangeScreenResolution.exe /d=0 /w=1920 /h=1200`

Play around in cmd first to figure out which monitor you're streaming for your "d" number is if you have multiple monitors, like mine is display 2 so i do `/d=2` for the above command

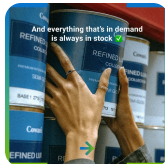
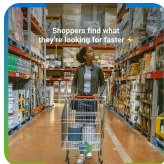
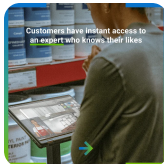
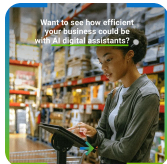
 4 [Reply](#) ...[+](#) 1 more reply**BenDavidson883** • 7mo ago

Thank you very much ! This works great, tried with Starfield

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this is excellent and still works in 2024! question, how can I also "automate" it for 1080p and 800p for when I boot moonlight on the deck in docked vs undocked mode?

example, I have two "applications", 800p desktop and 1080p desktop, with this solution I was able to set the host client easily, thank you for this!

now on the steam deck, I find that I have to change the streaming resolution as well, but this step is still manual, so right now it looks like this:

1. for 800p, I go into Moonlight's options, set it to 800p streaming, and then click on the 800p Desktop
2. for 1080p, I go into Moonlight's options, set it to 1080p streaming, and then click on the 1080p Desktop

Is there anything to take it a step further and make it automatically set the streaming resolution on Moonlight to match the host resolution as well?

 1  [Reply](#) ...**Cozo_if** • 2mo ago

Hi. I'm trying to get a game launching and I can't seem to find how to do that. The automatic resolution is working but the game is not launching. What's the exact path that I should paste on sunshine? With or without the exe, how did you do it?

 1  [Reply](#) ...**_Julius_7** • 2y ago

Hello, I am trying to do this on Cemu so I don't get black bars, I was wondering for "output", would I do something like this?

C:\Users\username\Desktop\Cemu_2.0-39\Cemu.exe

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Moonlight/Sunshine Streaming at 1280:800 @90FPS

14 upvotes · 22 comments



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Why does moonlight tend to outperform Valves built-in streaming?

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I know it's been said, but Moonlight really amazed me today

337 upvotes · 89 comments



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My Deck + Moonlight has breathed new life into my old gaming rig.

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50 upvotes · 43 comments



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Streaming FROM Steam Deck



159 upvotes · 70 comments



r/SteamDeck • 5 mo. ago

I love emulation on this thing



59 upvotes · 12 comments



r/SteamDeck • 1 mo. ago

How often do you stream on Steam compared to playing locally?

15 upvotes · 84 comments



r/pcmasterrace • 2 yr. ago

Pc streaming help!

1 upvote · 5 comments



r/SteamDeck • 1 mo. ago

Anyone else just play games on it and doesn't mess around with mods and third party stuff?

553 upvotes · 256 comments

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6 comments



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Streaming from Gaming PC with RP3

3 upvotes · 11 comments



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I can finally get back into gaming while still fighting depression

109 upvotes · 30 comments



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This thing really became my main way of gaming, despite my decent PC



886 upvotes · 122 comments



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