

Does LWKS still recommend NVidia GPUs?

Posted by hugly - 24 Feb 2021 10:34

The recommended system specs say under GPU:

Although we support both NVIDIA and AMD graphics cards, we strongly recommend NVIDIA as the graphics card of choice, for anyone wishing to get the most out of Lightworks. The page shows NVidia GPUs from 2014 and refer to them as "recently tested";

Is using NVidia for best performance, instead of AMD, still a recommendation?

I'm asking, because, based on the results of tests performed by several Linux users, there's strong evidence that the GPU performance of recent NVidia GPUs with Lightworks on Linux is poor, compared with AMD hardware with similar technical specifications.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by geomcd1949 - 16 Mar 2021 22:43

@hugly-- Doubt I'll be able to run tests on both cards. This build has been problem after problem, and I still have one to overcome with the AMD. And I have to sell the 2080 Super to afford groceries. But I promise -- if time permits, I will.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by hugly - 18 Mar 2021 10:44

geomcd1949 wrote:

@hugly-- Doubt I'll be able to run tests on both cards. This build has been problem after problem, and I still have one to overcome with the AMD. And I have to sell the 2080 Super to afford groceries. But I promise -- if time permits, I will. Great, even if you can test just one of them and share the results.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by geomcd1949 - 18 Mar 2021 22:10

Here's the 720p result. Pro license is on other machine so no 1080p result.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by hugly - 18 Mar 2021 22:52

Thanks for sharing.

With your 3950X paired with a Radeon RX 6800, I'd would have expected to see less than 15 seconds for exporting the test sequence in h.264/MP4 720p24, not 3 minutes 30 seconds.

Something is wrong.

As matter of interest, how long takes exporting just the clip 'Jockey 1080p24'.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by geomcd1949 - 18 Mar 2021 23:04

This is Clip Jockey 1080p24, video only, no audio.

With audio, it takes 5 seconds.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by hugly - 18 Mar 2021 23:20

Very good CPU performance. My 1920x needs 6 seconds for 720p24 export of the clip. The clip has sound, which should play in preview and in the exported file.

Something is fundamentally wrong with your GPU. You should expect 10 seconds for exporting the test sequence with an RX 6800.

Re: Does LWKS still recommend NVidia GPUs?

Posted by Jpaulbiss - 19 Mar 2021 07:40

geomcd1949 wrote:

Here's the 720p result. Pro license is on other machine so no 1080p result.

are you using the AMD Ryzen 9 3950X and

AMD Radeon RX 6800????

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Re: Does LWKS still recommend NVidia GPUs?

Posted by geomcd1949 - 19 Mar 2021 20:36

Yeah! I'm gonna go eat worms.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by hugly - 19 Mar 2021 22:18

See if this helps:

linuxconfig.org/amd-radeon-ubuntu-20-04-driver-installation

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Re: Does LWKS still recommend NVidia GPUs?

Posted by geomcd1949 - 21 Mar 2021 22:00

@hugly -- Thanks for the advice. Tried to follow the instructions on the page, to no avail. Searched some forums to see if others were having the same problem. Below is what I found:

Re: Can't install amdgpu drivers on Ubuntu 20.04.2 LTS (Kernel 5.8.0-41-generic)

Dear AMD support team,

could you please give some status to your customers regarding that issue? It's been a while since we've got some update on this topic.

Best regards,

Just some customer

Adept I

3 weeks ago

Re: Can't install amdgpu drivers on Ubuntu 20.04.2 LTS (Kernel 5.8.0-41-generic)

No, because this is standard practice for software "engineering." They may or may not fix this if they get an urge, otherwise, they have no plans on doing anything except play air hockey and post on Instagram.

Sigh!

Installed the latest kernel and that also won't accept the drivers.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by hugly - 21 Mar 2021 22:27

I'm by no means a Linux Guru, but gather installing kernels on a configured system is tricky business and can cause a lot of trouble, not only with drivers.

I don't know the history of your installation, but if I had the kind of problems you're encountering, I'd certainly consider a clean installation of the operating system, after saving all user data at a safe place. After the installation and without modifying any drivers or the kernel, I'd try again.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by geomcd1949 - 21 Mar 2021 23:22

@hugly -- as always, am grateful for your advice. This time, I only installed a later kernel after the current one wouldn't accept the AMD driver. Still had the same problem. Seems a lot of folks are having the same trouble with AMD GPU drivers on Ubuntu 20.04 -- enough to make me comfortable that the trouble isn't within my system. I'll just wait until it's sorted out. Lightworks works fine as is, for my purposes, although it would be nice to benchmark well.

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Re: Does LWKS still recommend NVidia GPUs?

Posted by hugly - 21 Mar 2021 23:41

If good benchmarks is what you are looking for, enjoy what you've shared. The Lightworks GPU tests of the AMD GPU are extraordinarily good.

Just avoid comparing real world performance with others based on test sequences, for the time being. 🍌

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