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r/unRAID



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r/unRAID • 4 mo. ago

9elpi8



AMD iGPU and HandBrake Docker

[Help](#)

Hello, I upgraded server to AMD Ryzen 7900 and I am trying to setup use of iGPU in HandBrake but for now without success. Is it even possible to do? If yes, could somebody please explain me how?

Thank you!



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gnerfed • 4mo ago

I have heard that new zen5 AMD iGPUs aren't bad. I haven't needed to try this yet but I read you need to determine which card to pass through as sometimes /dev/dri does not work.

Thin comment may provide guidance.

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0



Reply

9elpi8 **OP** • 4mo ago

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Docker worked, but GPU does not work.

I checked in terminal `cd /dev/dri` and I have:

`by-path/ card0 renderD128`

However I am not sure how to correctly write it instead of "`--device=/dev/dri:/dev/dri`" do you have any ideas? I put this one but it does not work: `/dev/dri/renderD128` . I mean I get error message "The command failed" so HandBrake Docker does not start at all.

↑ 1 ↓ ○ Reply ...



ChronSyn • 4mo ago

What I've read is that AMD transcoding is really problematic. Take Jellyfin for example:

<https://jellyfin.org/docs/general/administration/hardware-selection/#hardware-encoder-quality>

From that link, here's the key summary points of everything they say about AMD:

- AMD Graphics: AMD Graphics have poor encoder quality and poor driver support. This applies even on Linux.
- Encoder Quality: Apple ≥ Intel ≥ Nvidia >>> AMD
- AMD is not recommended because of poor quality H.264 and H.265(HEVC) output, as well as being hard to setup the compute environment. While AMD has significantly improved AV1 encoder quality, you are still more likely to transcode to H.264 or H.265 than to AV1 due to compatibility.

I know you're talking about Handbrake rather than Jellyfin, but the same problems apply primarily because of the hardware itself. That's not to say it absolutely won't work, and I certainly hope you figure it out.

Anyone you ask in a community like this will advise you that even a cheap, older Intel CPU is generally going to be easier to support and more performant than even a high-end AMD option, at least when it comes to transcoding. Even as a fan of AMD for desktops and NUC's, I'd still recommend Intel for any video-related task (assuming Apple isn't suitable, or is too costly).

⊖ ↑ 1 ↓ ○ Reply ...



9elpi8 OP • 4mo ago

Thanks, I found quite positive user experiences on Jellyfin with AMD iGPU so I thought that it is working well. So I will use rather CPU for HandBrake. I switched from Intel because I need to run 2 VM (both compute intensive) in parallel and I was not sure about assigning of P and E cores with Intel.

↑ 0 ↓ ○ Reply ...



ns_p • 4mo ago

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And what parameter did you use? Did you have to setup something extra?

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Better Docker container management options?

34 upvotes · 38 comments



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I can't seem to get the official plex docker to use hardware transcoding

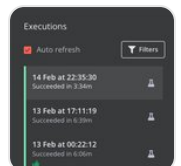
8 upvotes · 39 comments



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Why did I wait so long? Moved my Docker .img to SSDs. Near 50% increase in performance.

102 upvotes · 81 comments



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31 upvotes · 27 comments

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10 upvotes · 9 comments

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Docker Hub limiting unauthenticated users to 10 pulls per hour

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How many Docker Containers do you have running on your server right now?

39 upvotes · 98 comments

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AdGuard Home Docker Changes Unraid Server IP – Is This Expected?

24 upvotes · 14 comments

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343 upvotes · 162 comments

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Unraid unresponsive - high docker RAM usage and high CPU usage

56 upvotes · 49 comments

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I think time for a new UnRAID server. Recommendations?

108 upvotes · 100 comments

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Backup strategy for new Unraid server

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 r/unRAID • 21 days ago

What are your top Unraid Plugins?

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HOW TO backup from Unraid to... whatever

11 upvotes · 50 comments



r/homelab • 1 mo. ago

My single Docker compose manifest that deploys an entire homelab, complete with TLS and NGINX

92 upvotes · 24 comments



r/homelab • 17 days ago

Alternative to Unraid under a VM

450 upvotes · 81 comments



r/selfhosted • 16 days ago

Docker container monitor (CPU & RAM usage)

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Pulling my hair out with Immich Docker Compose setting in Unraid

8 upvotes · 33 comments



r/unRAID • 28 days ago

From no idea what Unraid is to polished server - A Beginners Big Thank You!

147 upvotes · 37 comments



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Shoutout to Ed AKA /u/spaceinvaderone from our troubleshooting sessions today. Docker failed to start.

206 upvotes · 12 comments



r/unRAID • 1 mo. ago

New unRAid Server

479 upvotes · 132 comments



r/unRAID • 3 mo. ago

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5 upvotes · 10 comments



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Setting Up an Unraid Server for Remote Development with Docker and VS Code – Need Advice!

6 upvotes · 8 comments



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Moving from Synology to Unraid

9 upvotes · 16 comments



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The new Tail-scale feature for specific docker containers is awesome!

69 upvotes · 44 comments

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