3. GPU Passthrough

Source: https://techfuelhq.com/tutorials/gpu-passthrough-proxmox-vm-2026/

Great source for GPU Pass Through in a proxmox VM!

Source for which apps use GPU: https://www.xda-developers.com/docker-containers-that-use-your-gpu/

In this section we will explain how you can pass through a GPU device to a virtual machine. Most GPU's can at least be passed through to one VM, however there are high end GPU's available that can be split up in multiple virtual GPU's. However, we will focus in this section on passing through one GPU to one VM. I would recommend to pass through the GPU to your Docker VM since you can then leverage the GPU for multiple applications. For instance for Jellyfin and Frigate transcoding tasks.

The thing with GPU pass through is that it is different for each brand and it is not always that simple.

We will first discuss the configurations that need to happen for every GPU pass through. At this moment most GPU's are either from Intel or from Invidia. Hence, we will focus on both of these right now.

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