

**PCI-Passthrough KVM** ..... 3  
..... 3



# PCI-Passthrough KVM

iommu

```
grubby --args="amd_iommu=on intel_iommu=on iommu=pt" --update-kernel DEFAULT
```

passthrough

```
# lspci -Dnn | grep VGA
0000:02:00.0 VGA compatible controller [0300]: NVIDIA Corporation GK106GL
[Quadro K4000] [10de:11fa] (rev a1)

#          가 GPU          .          pci-stub
GPU PCI ID          .
#          ,          가 10de:11fa          GPU
:
# grubby --args="pci-stub.ids=10de:11fa" --update-kernel DEFAULT
```

```
가          가
GPU VM          .          가          <address domain='0x0000'
bus='0x02' slot='0x00' function='0x1' />가
VFIO-PCI          .
```

```
# driverctl set-override 0000:02:00.1 vfio-pci
```

VM

- [https://access.redhat.com/documentation/en-us/red\\_hat\\_enterprise\\_linux/8/html/configuring\\_and\\_managing\\_virtualization/assembly\\_managing-gpu-devices-in-virtual-machines\\_configuring-and-managing-virtualization](https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/8/html/configuring_and_managing_virtualization/assembly_managing-gpu-devices-in-virtual-machines_configuring-and-managing-virtualization)

From:

<https://atl.kr/dokuwiki/> - **AllThatLinux!**

Permanent link:

[https://atl.kr/dokuwiki/doku.php/pci-passthrough\\_kvm?rev=1677764185](https://atl.kr/dokuwiki/doku.php/pci-passthrough_kvm?rev=1677764185)

Last update: **2023/03/02 13:36**

