GPU

- [code 43 solved](#)

Prereq

- Install ovfm

    Edit /etc/libvirt/qemu.conf

Uncomment:

nvram = ["/usr/share/OVMF/OVMF*CODE.fd:/usr/share/OVMF/OVMF*VARS.fd"]

[/etc/modules](#)

```
vfio
vfio_iommu_type1
vfio_pci
vfio_virqfd
```

```
update-initramfs -u
```

Create VM and customize configuration before start:

- In the "Overview" section, set your firmware to "UEFI"
- In the "Processor" section write CPU model to "host-passthrough"

```
<domain type='kvm' xmlns:qemu='http://libvirt.org/schemas/domain/qemu/1.0'>
...


<features>
    <hyperv>
        ...
        <vendor_id state='on' value='123456789ab'/>
        ...
    </hyperv>
    ...
    <kvm>
    <hidden state='on'/>
    </kvm>
</features>

    <hostdev mode='subsystem' type='pci' managed='yes'>
      <source>
```

```
          <address domain='0x0000' bus='0x01' slot='0x00' function='0x0'/>
        </source>
        <rom file='/opt/Palit.GTX750Ti.2048.140702.rom'/>
        <address type='pci' domain='0x0000' bus='0x00' slot='0x09'
function='0x0'/>
      </hostdev>
      <hostdev mode='subsystem' type='pci' managed='yes'>
        <source>
          <address domain='0x0000' bus='0x01' slot='0x00' function='0x1'/>
        </source>
        <address type='pci' domain='0x0000' bus='0x00' slot='0x0a'
function='0x0'/>
      </hostdev>

...
  <qemu:commandline>
    <qemu:arg value='-set'/>
    <qemu:arg value='device.hostdev0.x-vga=on'/>
  </qemu:commandline>
</domain>
```