NVIDIA Drivers

To install open-source nvidia drivers, add the following lines to `configuration.nix` file:

```
# Enable OpenGL
hardware.opengl = {
  enable = true;
  driSupport = true;
  driSupport32Bit = true;
};

# Load nvidia driver for Xorg and Wayland
services.xserver.videoDrivers = ["nvidia"];

hardware.nvidia = {

  # Modesetting is required.
  modesetting.enable = true;

  # Nvidia power management. Experimental, and can cause sleep/suspend to fail.
  powerManagement.enable = false;
  # Fine-grained power management. Turns off GPU when not in use.
  # Experimental and only works on modern Nvidia GPUs (Turing or newer).
  powerManagement.finegrained = false;

  # Use the NVidia open source kernel module (not to be confused with the
  # independent third-party "nouveau" open source driver).
  # Support is limited to the Turing and later architectures. Full list of
  # supported GPUs is at:
  # https://github.com/NVIDIA/open-gpu-kernel-modules#compatible-gpus
  # Only available from driver 515.43.04+
  # Do not disable this unless your GPU is unsupported or if you have a good reason
to.
  open = true;

  # Enable the Nvidia settings menu,
# accessible via `nvidia-settings`.
  nvidiaSettings = true;

  # Optionally, you may need to select the appropriate driver version for your
specific GPU.
  package = config.boot.kernelPackages.nvidiaPackages.stable;
};
```

See https://nixos.wiki/wiki/Nvidia for more information.

Auto-mounting a partition

You need to first enable `ntfs` support by adding the following lines:

```
# Enable NTFS Support
boot.supportedFilesystems = [ "ntfs" ];
```

To auto-mount a partition, add to the following lines to `hardware-configuration.nix`:

```
fileSystems."{$mount_location$}" =
  { device = "/dev/{$device}";
    fsType = "{$fstype}";
  };
```

For example,

```
fileSystems."/run/media/munir/munir hdd" =
  { device = "/dev/sda2";
    fsType = "ntfs";
  };
```