?????LOGO

开机时，开发板会进入 UEFI引导系统启动，期间会显示 NVIDIA默认的 LOGO
背景，如果您需要自定义该图片，需要按照一下操作获取 UEFI源码替换图片内容重新编译 UEFI
并刷入到开发板中。

一、安装 docker环境

如果已安装 docker可以跳过此步骤，但要确保当前用户添加到 `docker` 用户组

```
sudo apt install docker.io
```

将当前用户添加到 `docker` 用户组后重启生效

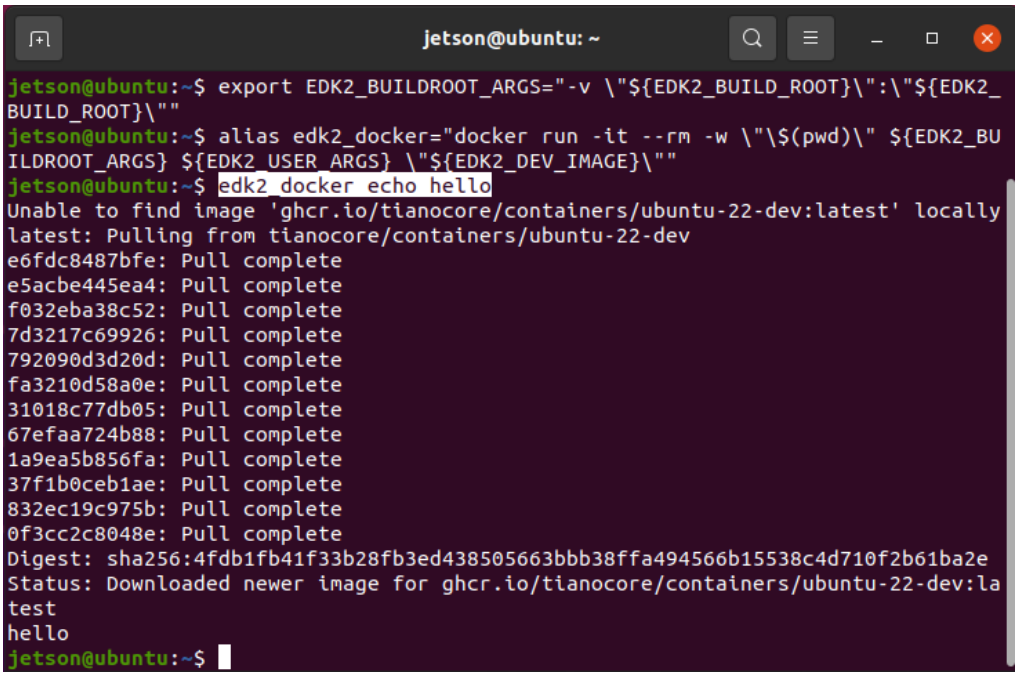
```
sudo usermod -a -G docker ${USER}
sudo reboot
```

设置变量

```
export EDK2_DEV_IMAGE="ghcr.io/tianocore/containers/ubuntu-22-dev:latest"
export EDK2_USER_ARGS="-v \"${HOME}\":\"${HOME}\" -e EDK2_DOCKER_USER_HOME=\"${HOME}\""
export EDK2_BUILD_ROOT="/build"
export EDK2_BUILDROOT_ARGS="-v \"${EDK2_BUILD_ROOT}\":\"${EDK2_BUILD_ROOT}\""
alias edk2_docker="docker run -it --rm -w \"\$(pwd)\" ${EDK2_BUILDROOT_ARGS} ${EDK2_USER_ARGS}
\"${EDK2_DEV_IMAGE}\""
```

拉取并验证环境

```
edk2_docker echo hello
```



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```
edk2_docker init_edkrepo_conf
edk2_docker edkrepo manifest-repos add nvidia https://github.com/NVIDIA/edk2-edkrepo-manifest.git main nvidia
```

□□ JetPack□□□□ uefi□□ (□ **JetPack6.2.1/r36.4.4**□□)

```
edk2_docker edkrepo clone nvidia-uefi-r36.4.4 NVIDIA-Platforms r36.4.4-updates
```

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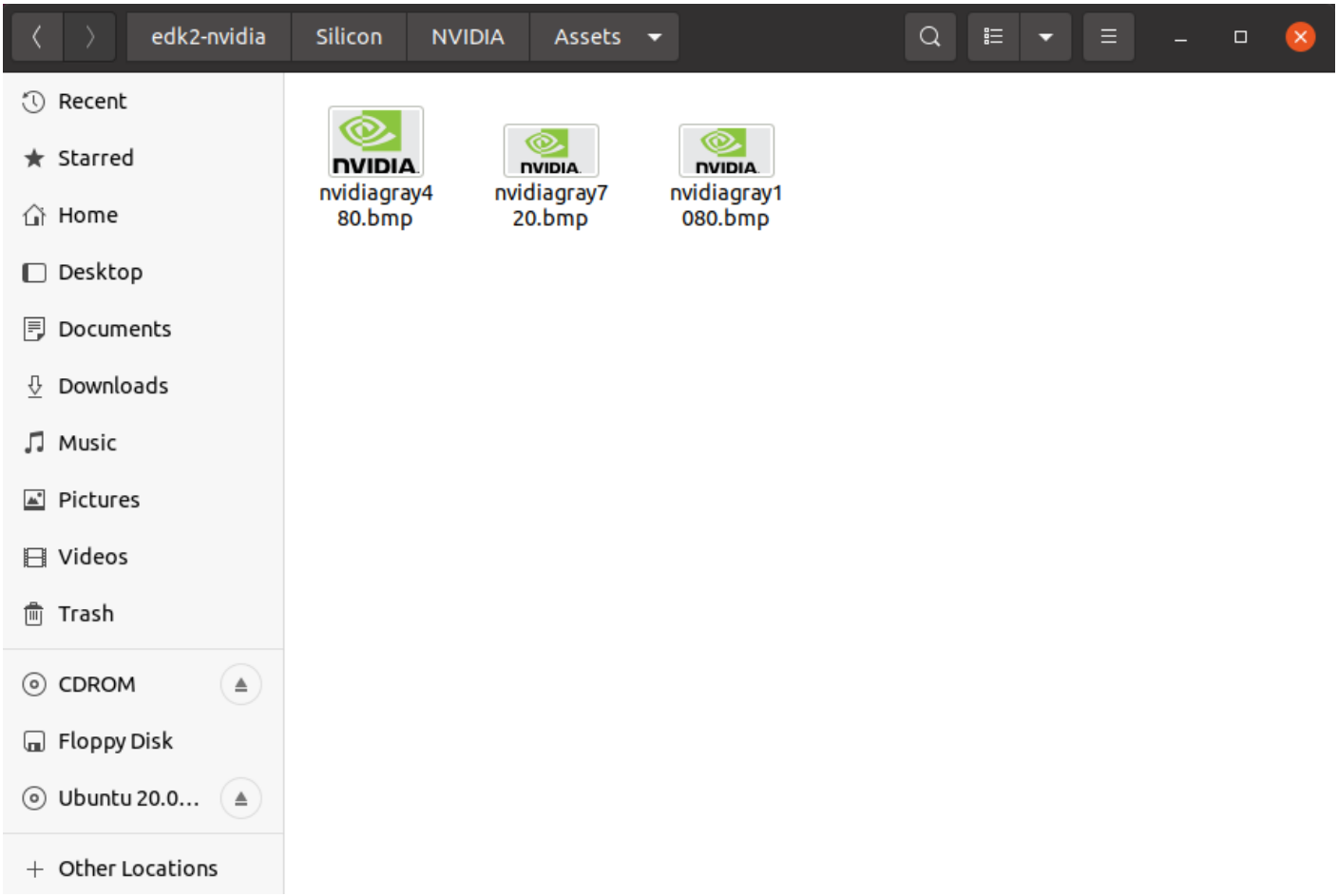
```
cd nvidia-uefi-r36.4.4/edk2-nvidia/Silicon/NVIDIA/Assets/
```



您可以选择直接替换掉这三个分辨率的图片，也可以在下面的配置文件中更改引用的 LOGO文件路径

cd nvidia-uefi-r36.4.0/edk2-nvidia/Platform/NVIDIA/NVIDIA.fvmain.fdf.inc

Open NVIDIA.fvmain.fdf.inc ~/work/nvidia-uefi-r36.4.4/edk2-nvidia/Platform/NVIDIA Save

build.sh NVIDIA.fvmain.fdf.inc

```
229
230   #
231   # Logo support
232   #
233 !ifdef CONFIG_LOGO
234   INF Silicon/NVIDIA/Drivers/Logo/LogoDxe.inf
235 !ifdef CONFIG_ACPI
236   INF MdeModulePkg/Universal/Acpi/BootGraphicsResourceTableDxe/-
    BootGraphicsResourceTableDxe.inf
237 !endif
238
239   #
240   # Logo Files
241   #
242   FILE FREEFORM = gNVIDIAPlatformLogoGuid {
243     SECTION RAW = Silicon/NVIDIA/Assets/nvidiagray480.bmp
244     SECTION RAW = Silicon/NVIDIA/Assets/nvidiagray720.bmp
245     SECTION RAW = Silicon/NVIDIA/Assets/nvidiagray1080.bmp
246   }
247 !endif
248
249   INF ArmPkg/Drivers/ArmGic/ArmGicDxe.inf
250   INF ArmPkg/Drivers/TimerDxe/TimerDxe.inf
251 !ifdef CONFIG_ARM_WATCHDOG
252   INF ArmPkg/Drivers/GenericWatchdogDxe/GenericWatchdogDxe.inf
253   INF MdeModulePkg/Universal/WatchdogTimerDxe/WatchdogTimer.inf
254 !else
255   INF MdeModulePkg/Universal/WatchdogTimerDxe/WatchdogTimer.inf
256 !endif
257   INF Silicon/NVIDIA/Drivers/BootWatchdog/BootWatchdog.inf
258
259   #
260   # FAT filesystem + GPT/MBR partitioning
261   #
262   INF MdeModulePkg/Universal/Disk/DiskIoDxe/DiskIoDxe.inf
```

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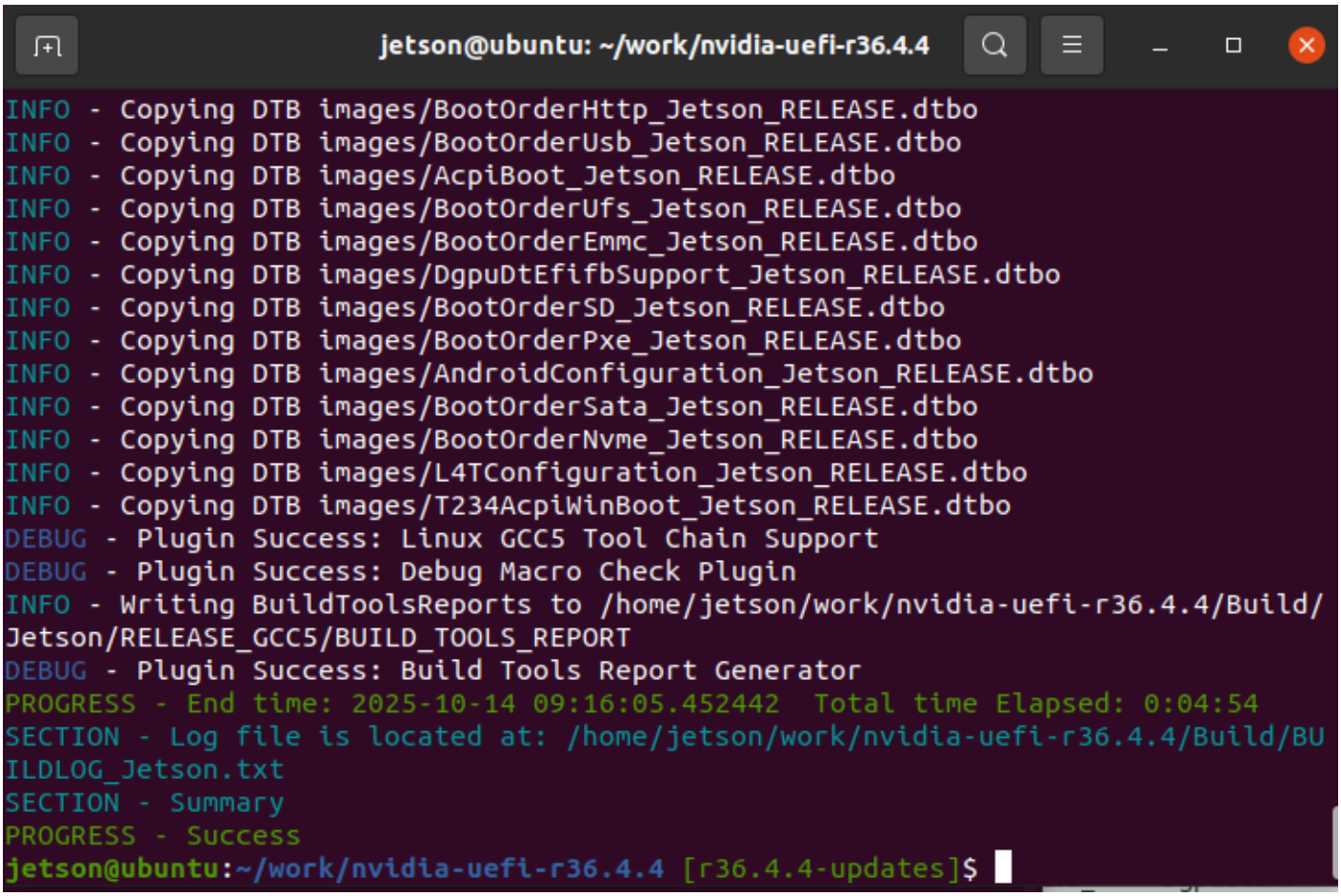
```
cd nvidia-uefi-r36.4.4/
edk2_docker edk2-nvidia/Platform/NVIDIA/Jetson/build.sh
```



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