



Google Coral M.2 and Rocky Linux 9

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Pegasi Knowledge

<https://ghost.pegasi.fi/wiki/>

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Google Coral M.2 and Rocky Linux 9

To use Google Coral AI accelerator chip with Rocky Linux 9 you need a tweak or two. Here is how to do it.

Install packages

```
dnf copr enable kylegospo/google-coral-dkms
dnf in gasket-dkms
```

Fix module source lines

Change directory according to the version.

```
vim /usr/src/gasket-0.0.git.256.b6a7c6d8/gasket_core.c
```

- look at line 1846 where kernel higher than 6.4.0 gets class create with 2 parameters and
- update it similar to one parameter else version: `internal->class = classcreate(driverdesc->name);`

Example snippet

```
#if LINUX_VERSION_CODE < KERNEL_VERSION(6, 4, 0)
    //internal->class = class_create(driver_desc->module,
driver_desc->name);
    internal->class = class_create(driver_desc->name);
#else
    internal->class = class_create(driver_desc->name);
#endif
```

```
/usr/src/gasket-0.0.git.256.b6a7c6d8/gasket_interrupt.c
```

- look at line 161 with kernel version check (other way) and update if part similar to else
- part: `eventfd_signal(ctx);`

```
if (ctx)
    #if LINUX_VERSION_CODE >= KERNEL_VERSION(6,8,0)
        eventfd_signal(ctx);
    #else
        //eventfd_signal(ctx, 1);
        eventfd_signal(ctx);
    #endif
```

Install modules

```
dkms autoinstall
```

Reboot and check

Reboot and check if `/dev/apex_0` is visible. That should be it.