

DisplayLink Drivers on Ubuntu 18.04 and 20.04

Installation

1. Start the *installer* with **administrative privileges**:
sudo ./displaylink-driver-x.x.x.xx.run
2. If **apt update** has already been called, a prompt to update the **package list** is possible.

```
dl_test_user@dladmin-Dell-Precision-M3800:~$ sudo ./displaylink-driver-5.3.0.27.run
Verifying archive integrity... 100% All good.
Uncompressing DisplayLink Linux Driver 5.3.0.27 100%
DisplayLink Linux Software 5.3.0.27 install script called:
Distribution discovered: Ubuntu 20.04 LTS
[ Installing dependencies ]
Need to update package list.
apt update? [Y/n]
```

--or--

Proceed to **package installation** by pressing **ENTER**.

Note: The text presented may vary, based upon previously installed packages.

```
dl_test_user@dladmin-Dell-Precision-M3800:~$ sudo ./displaylink-driver-5.3.0.27.run
Verifying archive integrity... 100% All good.
Uncompressing DisplayLink Linux Driver 5.3.0.27 100%
DisplayLink Linux Software 5.3.0.27 install script called:
Distribution discovered: Ubuntu 20.04 LTS
[ Installing dependencies ]

WARNING: apt does not have a stable CLI interface. Use with caution in scripts.

Reading package lists...
Building dependency tree...
Reading state information...
Suggested packages:
  menu
The following NEW packages will be installed:
  dkms libdrm-dev
0 upgraded, 2 newly installed, 0 to remove and 15 not upgraded.
Do you want to continue? [Y/n]
```

Packages required for the **DisplayLink Driver**:

- **dkms**
 - Enable loading of **EVDI module**
- **libdrm-dev**
 - Required due to **libevdi** being shipped as **source code** and **build** during the installation

Warnings

- The **file permission** may need to be changed before the **driver installation**. To change the **file permission**, enter the following:

Chmod +x displaylink-driver-x.x.x.xx.run

Note: X = driver file version.

- The installation process will stop if permissions to install **dkms** and **libdrm-dev** are not granted. Should this occur, **restart the installation process** and wait for **dkms** and **libdrm-dev** to install before proceeding to the next step.

--or--

Install **dkms** and **libdrm-dev** manually by entering the following:

sudo apt update

sudo apt install dkms

sudo apt install libdrm-dev

- If **Xorg session** is currently active, disconnect the **Docking Station** before proceeding with the installation. Failure to do so will result in an incomplete installation accompanied by the following messages:

```
dl_test_user@dladmin-Dell-Precision-M3800:~$ sudo ./displaylink-driver-5.3.0.27.run
Verifying archive integrity... 100% All good.
Uncompressing DisplayLink Linux Driver 5.3.0.27 100%
DisplayLink Linux Software 5.3.0.27 install script called:
Distribution discovered: Ubuntu 20.04 LTS
Detected running Xorg session and connected docking station
Please disconnect the dock before continuing
Installation terminated.
dl_test_user@dladmin-Dell-Precision-M3800:~$
```

- If **Xorg session** is currently active, a **restart** is required to complete the installation. **Restart** when prompted by the following message:

Installation complete!

```
Please reboot your computer if intending to use Xorg.
Xorg is running. Do you want to reboot now? (Y/n)
```

Notes: Press **ENTER** after entering **Y**.

Do not connect the **Docking Station** until the reboot has completed. Failure to do so may cause a failure/freeze of **Xserver**.