DisplayLink Drivers on Ubuntu 18.04 and 20.04

Installation

1. Start the *installer* with *administrative privileges*:
   sudo ./displaylink-driver-5.3.0.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-5.3.0.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**.*

Manual Revision: October 2, 2020