

EX731 BSP Setup Instructions

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TX2 BSP file : EX731_TX2_DP_R28.2-customer.tgz

<https://drive.google.com/open?id=1IZGh7nkTDPQhVkdPG9Co7iJ3QdVP6AFn>

If you have difficulties to access the BSP download link, please visit AVerMedia website at <https://www.avermedia.com/professional/download>, or contact technical support at https://www.avermedia.com/professional/technical_support or e-mail us at eusupport@avermedia.com for further assistance.

Install steps for L4T:

First, please download the AVerMedia BSP file :

After you download the BSP file and put the file in a Linux PC, please refer to the steps below to re-flash BSP.

1. Let the Tegra board to initiate recovery mode.

You have to keep pressing “Recovery” button and then power on the Tegra board to initiate recovery mode.

When you connect the Tegra board to a Linux PC via a MicroUSB to USB cable, you can check kernel messages with `dmesg` command in the Linux PC.

Once you see these messages in kernel messages, this means that the Tegra board is in the recovery mode.

```
[24685.080193] usb 1-7: new high-speed USB device number 25 using xhci_hcd
```

```
[24685.229120] usb 1-7: New USB device found, idVendor=0955, idProduct=7c18
```

```
[24685.229125] usb 1-7: New USB device strings: Mfr=1, Product=2, SerialNumber=0
```

```
[24685.229129] usb 1-7: Product: APX
```

```
[24685.229132] usb 1-7: Manufacturer: NVIDIA Corp
```

2. Follow the commands below in the Linux PC to start re-flashing BSP.

TX2:

```
$ sudo tar zxvf EX731_TX2_DP_R28.2-customer.tgz
```

```
$ cd Linux_for_Tegra
```

```
$ sudo ./flash.sh jetson-tx2 mmcblk0p1
```

Note: sudo is necessary to re-flash the BSP.