EA713MN BSP Setup Instructions

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BSP (board support package) file: R1_0_2_original_4.2_Jetpack.tar.gz

https://drive.google.com/file/d/1aOv7gEXthImqkqBjR3xp53dwaCrAFMSt/view?usp=sharing

Default login username/password of the BSP is nvidia/nvidiaxavier

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.

BSP Installation steps for NVIDIA Jetson board: (Important Note: Please backup your personal files before re-flashing BSP)

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 JETSON AGX Xavier board initiate recovery mode.

You have to keep pressing "Recovery" button and then power on the NVIDIA Jetson board to initiate recovery mode.

When connecting a NVIDIA Jetson 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 the kernel messages, this means that the NVIDIA Jetson board is in the recovery mode.

[24685.229129] usb 1-7: Product: APX

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

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

$ sudo tar zxvf R1_0_2_original_4.2_Jetpack.tar.gz

$ cd JetPack_4.2_Linux_P2888/Linux_for_JETSON AGX Xavier∕

$ sudo ./flash.sh jetson-xavier mmcblk0p1

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