

This readme provides information about how to port support for the below new Jetson TX2 modules:

Jetson TX2:

P3310-1001 - No Ethernet

Jetson TX2 4GB:

P3489-0001 - No Ethernet

The below patches were validated with JetPack 4.5 and 4.5.1 releases, and are included in JetPack 4.6 and onward releases.

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1. Apply the below patches to the Kernel sources tree you are working on :

For Jetson TX2 P3310-1001:

<https://nv-tegra.nvidia.com/r/gitweb?p=device/hardware/nvidia/platform/t18x/common.git;a=commitdiff;h=90244be3d0ef95f61edd730bdaf308c4ff166820;hp=a87c79cc1a6306454c3efdf31b41a74a574087ff>

For Jetson TX2 4GB P3489-0001:

<https://nv-tegra.nvidia.com/r/gitweb?p=device/hardware/nvidia/platform/t18x/common.git;a=commitdiff;h=9d6a93f9d4876ac561e2dff403520a8a8c84901c>

Note that you can download the NVIDIA Kernel sources from the NVIDIA git server using the instructions provided below:

https://docs.nvidia.com/jetson/archives/l4t-archived/l4t-3261/index.html#page/Tegra%20Linux%20Driver%20Package%20Development%20Guide/kernel_custom.html#wwpID0E0NE0HA

2. Follow the instructions from the developer guide to compile, replace and boot using new kernel DTB files

https://docs.nvidia.com/jetson/archives/l4t-archived/l4t-3261/index.html#page/Tegra%20Linux%20Driver%20Package%20Development%20Guide/kernel_custom.html#wwpID0E0WD0HA