

# Orange Pi LTS 4 Notes

## Notes specific to this board

- Armbian for non-raspberry pi board doesn't include pi libraries
  - `sudo apt-get install libraspberrypi0`
  - `sudo ln -fs /usr/lib/aarch64-linux-gnu/libbcm_host.so /usr/lib/libbcm_host.so.0`
  - `sudo ln -fs /usr/lib/aarch64-linux-gnu/libvcos.so /usr/lib/libvcos.so.0`
  - `sudo ln -fs /usr/lib/aarch64-linux-gnu/libvchiq_arm.so /usr/lib/libvchiq_arm.so.0`
  - `sudo ldconfig`
- Includes WiFi on the board. Worked without any issues.

# Libre Renegade Notes

## Notes specific to this board

- Boots Libre's Raspbian without issues and includes pi libraries
- Use rasp-config to enable ssh and NetworkManager
- Does not have WiFi on-board. Must use a USB dongle. I used an RTL8811AU device.
  - I followed the instructions at <https://github.com/morrownr/8821au-20210708> and chose the AP driver to enable the "hotspot" package provided by build-a-pi
- Install the `gnome-classic` package if you want the classic menus
- If you want remote desktop use RealVNC
  - <https://downloads.realvnc.com/download/file/vnc.files/VNC-Connect-Installer-1.3.0-Linux-ARM64.tar.gz>