NVIDIA Jetson AGX Orin 64GB Setup

Setup VNC server on the Jetson developer kit

I am following the howto: https://developer.nvidia.com/embedded/learn/tutorials/vnc-setup

ReSpeaker USB Microphone Array

Flashing new firmware according to https://wiki.seeedstudio.com/ReSpeaker-USB-Mic-Array/

I am using the **“1 channel firmware”**.

```
sudo apt-get update
sudo pip install pyusb click

git clone https://github.com/respeaker/usb_4_mic_array.git
cd usb_4_mic_array

# sudo python dfu.py --download 6_channels_firmware.bin  # The 6 channels version

# if you want to use 1 channel,then the command should be like:
sudo python dfu.py --download 1_channel_firmware.bin
```

Then disconnect ReSpeaker from USB and reconnect. The mircophone occurs in the GNOME audio settings menu.

More ReSpeaker Info from SeeedStudio Wiki

- https://wiki.seeedstudio.com/ReSpeaker_Product_Guide/
- https://wiki.seeedstudio.com/ReSpeaker_Mic_Array_v2.0/

From:
https://wiki.eolab.de/ - **HSRW EOLab Wiki**

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