

Quick guide to install BBB drivers and get an internet connection on a Windows 10 machine

Setup BeagleBone Black on Windows

- 1) Connect your BBB to laptop with the USB cable
- 2) Go to Device manager and find the unknown device (RNDIS Card) the one with the yellow exclamation mark.
- 3) Right click > update driver
- 4) Click browse my computer for drivers
- 5) Click "select from a list of available drivers on my computer"
- 6) Find Microsoft in the left column and select it
- 7) In the right column, press "U" and install the driver called "USB RNDIS Adapter"
- 8) You should then have the BBB installed as a new network adapter driver

To get BBB connected to internet

- Go to your network adapter settings (Settings > network > change adapter settings)
 - Right click your WIFI card, NOT the Beagle Bone and go to properties
 - Select the sharing tab and click the first box "allow other users to connect to the internet through this computers internet connection."
 - In the drop-down box select the BeagleBone you connected and installed a driver for.
 - Go to the BeagleBone's properties (Right click > Properties)
 - Double Click Internet Protocol Version 4 (IPv4) in the scroll box
 - Check the boxes to enable automatic assignment of both IPv4 addresses and DNS servers.
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- Now you should be able to SSH into the BBB ☺