UC20_Module_for_3G_HAT_Board_User_Guide

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1. Check environment

1. OS: Ubuntu 16.04.2 (see Figure 1)


   $ lsb_release -a

2. Kernel version: 4.8.0 (see Figure 1)

   $ uname -a

   ![Figure 1: Ubuntu Environment](image)

2. How to check UC20 3G Module

   **Step 1.** Check device on USB.

   $ lsusb
**Step 2.** Check kernel message.

```bash
$ dmesg | grep -i usb
```

You can see 3G port attached to ttyUSB(0~3)

**Step 3.** Check network interface.

```bash
$ ifconfig -a
```
3. How to connect

**Step 1.** Setting network.

a. Open setting window.

1. System Settings

![System Settings](image)

2. Network

![Network Settings](image)
b. Setting network.

1. **Add new connection**

2. **Start to set up, please press “Next”**

3. **Choose your country**
4. **Choose your provider**

5. **Choose your billing plan**

6. **Confirm settings**
Step 2. Mobile Connection.

Step 3. Check connection status.

`$ ifconfig`

$ ping 8.8.8.8

--- 8.8.8.8 ping statistics ---
11 packets transmitted, 11 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 283.400/349.791/745.624/127.900 ms