

## Packages - Bug #1951

### Parabola stopped recognizing some [Qualcomm Atheros] Bluetooth dongles.

2018-08-14 10:16 PM - iacobus

<b>Status:</b> open	<b>% Done:</b> 0%
<b>Priority:</b> bug	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Description</b> <p>This issue happened to me some weeks ago, after an upgrade. Then, since I put in a linux-libre Wireless card (first I had to connect an USB Wireless card to have Internet access), I have changed my bluetooth dongle and this works fine just for a little while. The problem is weird because the bluetooth dongle works fine in other GNU/Linux distributions.</p> <p>Attached you can find some information of my computer.</p> <p>Please, tell me if I have to attach more information of my computer.</p>	

#### History

##### #1 - 2018-08-14 11:58 PM - iacobus

- File *lspci* added

##### #2 - 2018-08-14 11:59 PM - iacobus

- File *lsmode* added

I add my *lsmode*.

##### #3 - 2018-08-17 10:32 PM - freemor

This seems to be specific to this particular bluetooth device as I have several and they all work. Tho none are the model in question.

##### #4 - 2018-08-17 10:34 PM - freemor

- Subject changed from *Parabola stopped recognizing my Bluetooth dongle* to *Parabola stopped recognizing my [Qualcomm Atheros QCA9565 / AR9565] Bluetooth dongle*

##### #5 - 2018-08-18 01:25 AM - iacobus

freemor wrote:

This seems to be specific to this particular bluetooth device as I have several and they all work. Tho none are the model in question.

Understood. This issue happens to me also with another bluetooth dongle: NC2361102Q/QCNFA435 (Qualcomm Atheros) which is the Wireless Card from factory. I know that the Wireless card doesn't work with Parabola to Internet, but the Bluetooth worked well when I had this device until that upgrade. So I think that there is deeper problem than the model of the device.

Please, tell me if you need another information. Thank you in advance.

##### #6 - 2018-08-18 03:32 AM - freemor

- Subject changed from *Parabola stopped recognizing my [Qualcomm Atheros QCA9565 / AR9565] Bluetooth dongle* to *Parabola stopped recognizing some [Qualcomm Atheros] Bluetooth dongles*.

The "limited to..." comment was to help other Devs narrow their search for the issue. I knew you were already aware of that.

with the info about the NC2361102Q/QCNFA435 the subject is too narrow now. I'll fix that.

Still, the issue seems tied to the Qualcomm mixed Wifi/Bluetooth boards. Unless other chime in with other Boards with issues.

Can you post an *lsmode* and other specifics for the NC2361102Q/QCNFA435 adapter as well just so we have more complete info. Thanks

##### #7 - 2018-08-18 04:06 AM - iacobus

freemor wrote:

The "limited to..." comment was to help other Devs narrow their search for the issue. I knew you were already aware of that.

with the info about the NC2361102Q/QCNFA435 the subject is too narrow now. I'll fix that.  
Still, the issue seems tied to the Qualcomm mixed Wifi/Bluetooth boards. Unless other chime in with other Boards with issues.

Can you post an lsmode and other specifics for the NC2361102Q/QCNFA435 adapter as well just so we have more complete info. Thanks

Thank you for your answer. I understand. I have been using GNU/Linux for more than 20 years, but this is my first time that I am reporting an issue. Currently I have not that Wireless card anymore, but I conserve from an own "tutorial" this message from "lspci":

03:00.0 Network controller [0280]: Qualcomm Atheros Device [168c:0042] (rev 30)

Another information I could bring you is what I had to do 2 or 3 years ago in Debian to get the Internet access (I am talking about the NC2361102Q/QCNFA435):

1.

1. apt-get update
2. apt-get install linux-headers-generic build-essential
3. wget <https://www.kernel.org/pub/linux/kernel/projects/backports/2015/11/20/#backports-20151120.tar.gz>
4. tar -zxvf backports-20151120.tar.gz
5. cd backports-20151120
6. make defconfig-ath10k
7. make
8. sudo make install

2.

1. mkdir /lib/firmware/ath10k/QCA9377/
2. mkdir /lib/firmware/ath10k/QCA9377/hw1.0
3. apt-get install git
4. git clone <https://github.com/kvalo/ath10k-firmware.git>
5. cd ath10k-firmware/QCA9377/hw1.0
6. cp board.bin /lib/firmware/ath10k/QCA9377/hw1.0
7. cp firmware-5.bin\_WLAN.TF.1.0-00267-1 /lib/firmware/ath10k/QCA9377/hw1.0/firmware-5.bin  
#reboot

3. If there is a problem:

1. modprobe -r ath10k\_pci
2. modprobe ath10k\_pci
3. reboot

This I had to do in order to get Internet with the "private card".

On the [Qualcomm Atheros QCA9565 / AR9565] Bluetooth dongle (the device that I using right now) I had to do this in all the Linux distributions:

1. nano /etc/modprobe.d/btconfig.conf

```
blacklist acer_wmi  
#options ath9k btcoex_enable=1 bt_ant_diversity=1
```

I have done this thing in Parabola and the device worked but just for a little while, as I said. Then, Parabola stopped recognizing the device after an upgrade.

In the meantime I will try to get another Wireless card to bring you more information about the "reactions" of my Parabola (lsmode, dmesg, etc...).

Thank you very much!

**#8 - 2018-08-21 01:51 AM - freemor**

I noticed that [Megver83](#) rebuilt linux-libre-firmware and in doing so made changes to the ath9k modules. See:

<https://git.parabola.nu/abslibre.git/commit?id=ab617981fcc370140f6a0bb3e05a801b760fc5df>

When you install the latest linux-libre-firmware and reboot. Please test Bluetooth again to see if this has improves the situation

Thanks

**#9 - 2018-08-21 03:02 AM - iacobus**

freemor wrote:

I noticed that [Megver83](#) rebuilt linux-libre-firmware and in doing so made changes to the ath9k modules. See:

<https://git.parabola.nu/abslibre.git/commit?id=ab617981fcc370140f6a0bb3e05a801b760fc5df>

When you install the latest linux-libre-firmware and reboot. Please test Bluetooth again to see if this has improves the situation

Thanks

Thank you. I have installed the package, but the problem still remain. On the other hand, I am waiting to upgrade the system, since still there is the "icu" dependency problem. I hope this issue be solved soon.

Regards

**#10 - 2018-08-27 03:44 AM - iacobus**

- File *uname* added
- File *rkill* added
- File *lspci-k* added
- File *lspci* added
- File *lsmo* added
- File *journalctl* added
- File *dmesg* added

I have upgraded the system in my principal laptop but the problem remain. I attached the information that I am receiving now.

Another thing: I have installed Parabola GNU/Linux-libre in another laptop which is a Lenovo X200 and I have no problems with the Qualcomm Atheros Bluetooth dongle.

03:00.0 Qualcomm Atheros AR9285 Wireless Network Adapter (PCI-Express) (rev 01).

Regards

**Files**

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dmesg	62.6 KB	2018-08-14	iacobus
lspci	1.48 KB	2018-08-14	iacobus
rkill	58 Bytes	2018-08-14	iacobus
journalctl	326 KB	2018-08-14	iacobus
uname	88 Bytes	2018-08-14	iacobus
lspci	1.48 KB	2018-08-14	iacobus
lsmo	6.88 KB	2018-08-14	iacobus
dmesg	59.2 KB	2018-08-27	iacobus
journalctl	117 KB	2018-08-27	iacobus
lsmo	6.77 KB	2018-08-27	iacobus
lspci	1.48 KB	2018-08-27	iacobus
lspci-k	3.19 KB	2018-08-27	iacobus
rkill	58 Bytes	2018-08-27	iacobus
uname	87 Bytes	2018-08-27	iacobus