

## Packages - Bug #2553

### linux-libre-5.3.8-gnu-1 kernel does not load the ath9k driver on coreboot Lenovo thinkpad x230

2019-11-20 06:53 PM - pavelsayekat

<b>Status:</b> fixed	<b>% Done:</b> 0%
<b>Priority:</b> bug	
<b>Assignee:</b> Megver83	
<b>Category:</b>	
<b>Description</b>	
linux-libre-5.3.8-gnu-1 kernel does not load the ath9k driver for Atheros AR92, prints extra messages on boot and keeps printing until successful login, fails to shutdown or reboot on coreboot Lenovo thinkpad x230 model.	
<pre>lspci -knn   grep Net -A3; rfkill list 00:19.0 Ethernet controller [0200]: Intel Corporation 82579LM Gigabit Network Connection (Lewisville) [8086:1502] (rev 04)     DeviceName: Ethernet controller     Subsystem: Lenovo 82579LM Gigabit Network Connection (Lewisville) [17aa:21f3]     Kernel driver in use: e1000e     Kernel modules: e1000e 00:1a.0 USB controller [0c03]: Intel Corporation 7 Series/C216 Chipset Family USB Enhanced Host Controller #2 [8086:1e2d] (rev 04) -- 02:00.0 Network controller [0280]: Qualcomm Atheros AR9285 Wireless Network Adapter (PCI-Express) [168c:002b] (rev 01)     Subsystem: Hewlett-Packard Company U98Z062.12 802.11bgn Wireless Half-size Mini PCIe Card [103c:3040]     Kernel modules: ath9k 0: hci0: Bluetooth     Soft blocked: no     Hard blocked: no</pre>	
Extra boot messages <a href="https://i.imgur.com/56lZhA2.jpg">https://i.imgur.com/56lZhA2.jpg</a>	
<b>Related issues:</b>	
Related to Packages - Bug #2541: [linux-libre] Module mac80211 no longer loads.	<b>info needed</b>
Related to Packages - Bug #2543: [linux-libre] Kernel 5.3.8 fails to boot on ...	<b>fixed</b>

## History

### #1 - 2019-11-20 07:17 PM - bill-auger

- Assignee set to Megver83

- Description updated

- Subject changed from linux-libre-5.3.8-gnu-1 kernel does not load the ath9k driver, prints extra audit messages on boot and keeps printing until successful login, fails to shutdown or reboot on coreboot Lenovo thinkpad x230 model to linux-libre-5.3.8-gnu-1 kernel does not load the ath9k driver on coreboot Lenovo thinkpad x230

### #2 - 2019-11-20 08:12 PM - pavelsayekat

But the linux-libre-hardened-5.3.8.a-gnu-1 kernel has no issue on the machine, audit messages are gone, loaded the ath9k AR9285 wifi driver, reboots and shuts down properly, wow.

### #3 - 2019-11-20 08:15 PM - pavelsayekat

And also linux-libre-pck-5.3.8-gnu-1 kernel has issues with coreboot Lenovo Thinkpad x230 just like the regular kernel.

### #4 - 2019-11-21 04:33 AM - pavelsayekat

Shutdown failure <https://i.imgur.com/gJwnVst.jpg>

Extra audit messages during login, <https://i.imgur.com/XRYxmB6.jpg>

### #5 - 2019-11-22 02:15 AM - Megver83

do you have linux-libre-firmware? I assume yes

many ppl have had problems with linux-libre 5.3.8 but not -hardened. Also, some issues with 5.3.7 were solved in 5.3.8. Please wait for the next update to see if this continues, I've had very little time because of the many exams I've had (due to the [contingency](#) in my country, all the exams where anticipated)

but next week I should go normal with kernel maintenance

**#6 - 2019-11-22 01:10 PM - pavelsayekat**

```
$ sudo pacman -Ss linux-libre-firmware
libre/linux-libre-firmware 1:1.3.1-1 [installed]
Firmware files for Linux-libre
```

**#7 - 2019-11-25 07:48 PM - bill-auger**

- Related to Bug #2541: *[[linux-libre] Module mac80211 no longer loads. added*

**#8 - 2019-11-25 07:49 PM - bill-auger**

- Related to Bug #2543: *[[linux-libre] Kernel 5.3.8 fails to boot on Thinkpad X220, 5.3.7 works fine added*

**#9 - 2019-11-26 01:52 AM - Megver83**

just released linux-libre 5.3.13, try it

**#10 - 2019-11-26 04:37 AM - pavelsayekat**

Yes, kernel 5.3.13-gnu-1 loads the ath9k driver ok and all other issues are also gone, yay.

**#11 - 2019-11-28 12:51 AM - Megver83**

- Status changed from *unconfirmed* to *fixed*

I wonder what caused these issues, but who cares, they are solved now :D

closing

**Files**

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x230_dmesg_log.txt	126 KB	2019-11-20	pavelsayekat
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