

Forum:[Hack Forums](#)

Thread: [Internal/external NIC doesn't work](#)

Yac1ne - August 13, 2020, 11:47 pm

Hey everyone, as the title suggests, i'm trying to troubleshoot a friend's laptop which have issues connecting to wifi either using its internal or a specific wireless adapter (keep in mind that that adapter works on any other computer, it doesn't have any kind of brand, it's just a tiny standard one), i also intend to test the internal adapter in another system, the only way to connect that laptop to the internet that actually worked for me is using another external wireless adapter of mine (a TP-Link tl-wn722n), i didn't try ethernet yet, the laptop is under windows 8.1 32 bit (the cpu is 64 bit however, turns out the original owner isn't that bright !), i tried reinstalling drivers, and it didn't work, i tried booting with two linux live operating systems (wifislax and kali), and those specific two adapters didn't work just like in windows as well, i also tried booting to windows with safe mode, the same problem occurs, i figured that the issue can't be in windows, but i still have doubts, i'm planning to do a memory test later, do you think that ram can be causing this problem ? i can't do a bios update since there are none for the current os as stated by the official website, there are only versions compatible with the 64 bit versions of windows, i didn't try reinstalling windows, i intend to try but it's a little difficult considering that i don't have space to backup important files, one more thing, i don't know about the internal one, but the external wireless adapter (the unbranded one) was working fine on that laptop before, i still don't know what caused it to malfunction, did any of you experience that kind of problem ? i know i didn't ! i'll post the laptop's model a little while from now, please let me know your thoughts on this, and i really appreciate the help

P.S : the laptop is an HP Pavilion 15 with an i5 3230M @2.60 GHz and 4 GB of ram, i did a memory scan using the built in bios tool and memtest86 and it passed just fine, i also tried the internal NIC on two other systems and it worked just fine, so both of the adapters the internal and the external work perfectly on other systems

Bastille - August 14, 2020, 3:11 am

Hey buddy,

Next time don't hesitate to use paragraphs for your thread, easier to read ;)

Line 3 you said :

"the only way to connect that laptop to the internet that actually worked for me is using another external wireless adapter of mine (a TP-Link tl-wn722n)"

So :

- it doesn't work with the internal NIC
- it doesn't work with the noname external NIC
- it does work with the TP-Link external NIC

Is that right ?

For me it sounds more like a software/os/driver issue

Keep us informed regarding the Ethernet connection

Yac1ne - August 14, 2020, 4:29 am

(Aug 14, 2020 03:11 AM)Yseurk Wrote: [\[CITE\]](#) Hey buddy,

Next time don't hesitate to use paragraphs for your thread, easier to read ;)

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You're right i probably should've organized this a little better ! anyway, the answer is yes, the internal NIC doesn't work in that laptop (the HP) but it works in any other one, this is the same with the unbranded one, it does work with the tp link, and ethernet as well, like i mentioned before, i did reinstall drivers, and it changed absolutely nothing, keep in mind that i tried them both in kali and wifislax as live bootable systems and they didn't work as well, thanks for your reply

P.S : do you think that there's something wrong with the bios ? here's one more thing, when i open up the laptop and power it on, i see some artifacts so i have to restart the computer several times before the image becomes clean, and why doesn't the official website of the laptop show any updates for the bios , it only shows ones compatible with 64 bit versions, what if i flash one, would a 32 bit windows boot ?