

Re: Installing network driver.

Source:

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What would cause the CPU Usage to jump up to 90% whenever the keyboard keys are pressed for any length of time. Even just typing this to quickly makes it jump up to 30%+??

- > *Not being one to leave a problem unsolved (at least not until I have to go*
- > *back to work tomorrow!) all I can think of suggesting is checking for*
- > *mainboard drivers – I have known some very strange things to happen with*
- > *XP's*
- > *guess of a right driver – the biggest problem (unless you have a known*
- > *brand*
- > *PC or mainboard) is getting the right driver.*

Well my motherboard make is MSI (Micro-Star International) MS-6533.

- > *On the network card front – did you try disabling this in the BIOS?*

I had a look in BIOS but not being to familiar with it decided against changing to much. I no longer think the network card is the problem. Even if it is using the same RIQ as the Audio. What I have discovered is when I go into Windows Task Manager and click on the Performance Tab, pressing down on any key makes the CPU Usage jump up to over 90% until I release it again. So I'm thinking that the keyboard is not only interfering with the sound but but somehow slowing down my whole operating system.

- > *Just had a bit of a though (wow – on a Sunday too!) – when you get this*
- > *break in sound is it as though the sound stops or that the sound carries*
- > *on*
- > *and you cannot hear it (or you get a hum instead) – this can be down to*
- > *faulty electronics on the mainboard (most likely keyboard controller).*

No the sound doesn't stop it actually slows down breaks up and stalls or pauses if you like, until I release the key I've was pressing then it continues as normal.

- >
- > *If you play a CD through your PC (make sure you pick one which does play*
- > *the*
- > *audio track rather than a set of MP3s on the disk – best pick (if poss) a*

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- > *pre-1998 CD) and you press any key – does the same happen? If so I'd*
- > *suggest*
- > *that the problem lies with the audio amplifier circuit on your PC – if*
- > *your*
- > *CD-ROM has a headphones socket you should find that the sound from there*
- > *is*
- > *not interrupted.*

I did as you suggested and put a music CD in my drive. It played fine until I pressed one of the keyboard keys. Then it just slowed down and stopped until I released the key again. Placing headphones into the headphone socket made no difference.

- > *You could also check that the PC speaker/headphone socket is no loose or*
- > *has*
- > *a poor connection.*

Seems to be fine can't see anything wrong with it.

- > *I tend to take a system to pieces, give the mainboard a bit of a check for*
- > *stray solder, dust etc, & plug things back one at a time until the problem*
- > *starts again.*

That might be just a little beyond me. If I took my system apart I doubt very much it would go back together again and work at all!

- > *There are a load of things which could cause this – if you do get anywhere*
- > *(or maybe even if not!) – do let us know how you get on.*

>

> *Regards,*

>

> *Jason*

>

>

> *"Michael" wrote:*

>

>> *Howdy*

>>

>>

>>

>>> *You have two network cards – do you use both of them? If not you could*

>>> *probably disable the onboard one through your BIOS setup util, this may*

>>> *help.*

>>> *You may be able to chage some IRQs here too– but take care.*

>>

>> *No I only have the one network card and it's onboard. I've had a look*

>> *inte*

>> *BIOS setup screen but I've not been able to find where or how to change*

>> *IRQs*

>>

>>> *Don't worry too much about IRQ sharing – this used to be a serious*

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>> > *problem*
>> > *back in the old days of Win 3.1, but from 98 on sharing seems to be the*
>> > *way*
>> > *to go – I don't know why, but all seems OK usually.*
>>
>> *Ok then I'm not sure I need to change my driver for the network adapter.*
>> *This*
>> *is starting to give me a headache. But it was the only thing I could see*
>> *that was wrong. Could it be causing my keyboard to interfere with the*
>> *sound?*
>>
>> > *The pauses to aound are they just wave device sounds or others too?*
>> > *Wave*
>> > *sounds have to be processed so the processing could be being*
>> > *interrupted.*
>> > *It*
>> > *could be that your mainboard is a bit dodgy – the IRQ level of*
>> > *keyboards*
>> > *is*
>> > *very low (takes high precedence) and this can cause problems with*
>> > *devices*
>> > *with a higher IRQ – you could try another (maybe USB) keyboard?*
>>
>> *It occures with all sound, no matter what program I'm running at the*
>> *time.*
>> *eg when I'm playing Diablo2 pressing the keys not only effects the sound*
>> *in*
>> *the game but the game play as well. Sound stutters and pauses and so does*
>> *game play. This is not just restricted to Diablo2 any game I play does*
>> *the*
>> *same thing. All the games I play are multiplayer, which lead me to believe*
>> *the network drive could be at fault. And the only thing I can see that*
>> *might*
>> *be a problem is the fact that it shares it's IRQ with the Audio. I've*
>> *tried*
>> *using different types of keyboard with no luck.*
>>
>> > *The .sys file driver is of no real use to you I'm afraid – it may be*
>> > *that*
>> > *this replaces a sys file from another driver version release, normally*
>> > *you'd*
>> > *always see a .inf file with any driver.*
>>
>> *I think I might have solved this little problem. When I first downloaded*
>> *the*
>> *drivers I'd found I was using Mozilla Firefox browser. For some reason*
>> *when*
>> *I downloaded files with this any setup structure that would have came*
>> *with*
>> *the file failed to work. I found if I use Internet Explorer to download*
>> *the*

>> >> *are*
>> >> *sharing the same IRQ address. I looked up info on IRQ not knowing much*
>> >> *about*
>> >> *it. What I did find didn't help much. According to the site I read IRQ*
>> >> *numbers only go up to 16. Well the IRQ address these drivers are using*
>> >> *is*
>> >> *18*
>> >> *on my system! In fact I've got 19 different IRQ numbers ranging from*
>> >> *0 –*
>> >> *23.*
>> >> *I've been given the advice of removing the network card and putting it*
>> >> *into*
>> >> *another socket to try and change the IRQ it is using. When I opened my*
>> >> *box I*
>> >> *couldn't figure out which card was for the network or even if I had*
>> >> *one.*
>> >> *None had a label or identification on them. My sound is onboard I*
>> >> *think*
>> >> *my*
>> >> *network is too, if that's possible. The main problem I have is when*
>> >> *keys*
>> >> *are*
>> >> *pressed on my keyboard they interfere with any sound/music that is*
>> >> *running*
>> >> *at the time. If I press a key while sound is running then it is*
>> >> *interrupted*
>> >> *and eventually stalls until I release the key again. That brings me*
>> >> *back*
>> >> *to*
>> >> *the drives using the same IRQ, I think that or the fact that the*
>> >> *network*
>> >> *driver is not the right one to be using could be causing my*
>> >> *sound/keyboard*
>> >> *problem. How can I change the IRQ setting for the network driver is it*
>> >> *possible? And how do I install this other driver I've found?*
>> >>
>> >> *If anyone has bothered to read all this and think they could help me*
>> >> *or*
>> >> *direct me to where I might find the right info then I'd be very*
>> >> *grateful.*
>> >>
>> >> *Much Obligated*
>> >> *Michael*
>> >>
>> >>
>> >>
>>
>>
>>