

Re: High speed device plugged into non-high speed port

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2004-12/0181.html>

From: R. C. White (*rc_at_corridor.net*)

Date: 12/02/04

Date: Wed, 1 Dec 2004 21:40:41 -0600

Hi, James.

As they used to say, "I don't understand all I know about USB." ;^]

My motherboard (EPoX 8KDA3+) came with 4 USB 2.0 ports on the back, plus two headers for 2 more 2.0 ports each for the front and back of the case. All those are connected now, so there are 8 2.0 ports managed by the mobo BIOS. In addition, I added the 4-port Belkin PCI card that I had bought for my former mobo, so I now have an even dozen USB 2.0 ports – more than I need. As I recall, the Belkin card needed the drivers supplied with it when it was in my old mobo.

After plugging in my new camera, I got the "non-high speed port" message. That's when I looked in Device Manager and found the hidden USB drivers in another category and deleted them, as I said before.

Now there are 14 lines under USB controllers in my Device Manager (and NO hidden devices). Six lines say USB Root Hub, one is for my ATI Remote Receiver and one for USB Mass Storage Device. That leaves two sets of 3 each. One set is "NEC PCI to USB Enhanced Host Controller (B1)", followed by two copies of "NEC PCI to USB Open Host Controller"; the other is "Standard Enhanced PCI to USB Host Controller", followed by two copies of "Standard OpenHCD USB Host Controller".

The NEC Enhanced driver is from MS, dated 6/1/2002, version 5.1.2600.0; Driver Details shows:

"File version: 5.1.2600.2180(xpsp_sp2_rtm.040803-2158)" just like yours. But there are 5 files, including usbehci.sys and hccoin.dll; the other 3 are the same as yours (usbhub.sys, usbport.sys and usbui.dll). Except for the name, the "Standard Enhanced" controller says the same things: numbers, filenames and all. Each of the 4 "Open" controllers includes usbohci.sys, rather than usbehci, and the other 3 files (usbhub.sys, usbport.sys and usbui.dll), just like yours.

Have you visited the website for the maker of your USB card? They may have

microsoft.public.windowsxp.hardware: Re: High speed device plugged into non-high speed port

later drivers, or an answer in their FAQ. Also, have you expanded every line in Device Manager to make sure no USB drivers are lurking in an unexpected category? Like mine. Or, just delete EVERY USB driver you can find, disconnect every USB device, then reboot at least once and let WinXP redetect the hardware from scratch. After the hubs are detected and working drivers installed, then plug in the devices one at a time to finish the job.

I'm about out of ideas here, so I hope somebody else jumps in with something helpful.

RC

--

R. C. White, CPA
San Marcos, TX
rc@corridor.net

Microsoft Windows MVP

"James Jones" <jamesjones@l24.com> wrote in message
news:68f87779.0412010911.4a6baf0d@posting.google.com...

>A further update:

> In Device Manager, my two NEC USB 2.0 cards come up as "NEC PCI to USB
> Open Host Controller", and "USB 2.0 Root Hub".

>

> The drivers that are installed for "NEC PCI to USB Open Host
> Controller" are as follows:

> Windows\system32\drivers\usbhub.sys

> Windows\system32\drivers\usbhohci.sys (not a typo, ohci, not ehci)

> Windows\system32\drivers\usbport.sys

> Windows\system32\usbui.dll

>

> They all say:

> Provider: Microsoft Corporation

> File version: 5.1.2600.2180(xpsp_sp2_rtm.040803-2158)

>

> But the drivers on the CD that came with the PCI cards are:

>

> Setup.exe

> ousb2.inf

> ousb2hub.sys

> ousbehci.sys

>

> but I can't get them to install. I've tried reinstalling the drivers,

> using the CD, but it just says "The specified location does not

> contain information about your hardware", so maybe Windows has

> installed the wrong drivers (its own) for these two cards?

> Does anybody know how to fix this problem?