

## Re: using usb port 2

---

*Source:*

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.printing/2006-01/msg00049.html>

---

- *From:* matt <[stirfrey@xxxxxxxxx](mailto:stirfrey@xxxxxxxxx)>
  - *Date:* Mon, 23 Jan 2006 23:42:14 -0600
- 

I guess I would clean everything out and start from scratch. First go into the device manager and remove "usb printing support". This is generally how a usb printer shows up in there. After that disconnect your usb cable. Then go to printers and faxes and at the top click on "file" and then "server properties". Under the drivers tab, remove the driver. Under the ports tab, remove the usb port if it shows up. It shouldn't be there, but if it is get rid of it. After that reboot. The real key here now is to make sure that you disable your antivirus software before you start re-installing the driver. Especially if you are using Norton. After you reinstall everything should be happy.

If the printer still doesn't work then I would try swapping usb cables, try installing the printer on a different pc to see if it's a problem with the printer, and/or update usb drivers on the pc. It pretty much has to be one of these things though.

I would say that if everything checks out and you are able to make the printer work on another pc, you may need to put in a pci usb card and use that instead of the built in controller. I've had strange hardware issues that were only solved by using a different usb controller.

Matt

Mikel wrote:

Okay. Thanks for the explanation. It made a lot of sense and now I understand it better. However - the printer I'm trying to connect doesn't set off the plug and play option (Epson C88). So I connect it to the USB001 port. When I try a test page it gives an error without explaining what the error is. I open the printer box and see the document going to it and then immediately coming up with an error. Any help on that? Thanks.  
mikel

"matt" wrote:

## Re: using usb port 2

Windows plug and play, pnp for short, is a windows service for installing new hardware. So in your case when you plug your printer in pnp creates a usb virtual port, assigns it a number, and makes it available for your printer. I don't know the details, but thats the over view. The port number that windows is assigning for your printer to use has nothing to do with what physical usb port you plug the cable into. It has more to do with how many usb printers you have. So lets say you have 8 usb ports and one usb printer. No matter which of the physical usb ports you choose to plug into, your printer will always be assigned to usb001. Now lets say you get a second usb printer. When you plug that one it it will be assigned usb002. This again will have nothing to do with which physical usb port you plug the cable into. Even if you unplug the cable and plug it into another usb port, it will get the same port number in windows. In the background somewhere windows maps the physical and virtual ports together. this actually makes things simpler because if you decide you want to plug your printer into a different port you just move the cable, no further configuration required.

In your case it looks like things are working. You should be able to install the printer just fine. If it still doesn't work I would start looking elsewhere for the problem. What other issues are you having with it?

maf

Mikel wrote:

Maybe I wasn't clear enough. I have two usb ports on my computer, 1 and 2. I want to plug the printer into 2. When I "Add a Printer" and it asks which port to connect to (LPT1, LPT2, USB001, etc.) it doesn't have USB002. How do I connect it to that usb port that's on my machine?

Re: using usb port 2

Also I'm not sure what "PnP need to add one for you" means.

Thanks Mikel

"Alan Morris [MSFT]" wrote:

PnP need to add one for you.  
There is not a way through the spooler to add a USB port.

--

Alan Morris  
Windows Printing Team  
Search the Microsoft Knowledge Base here:  
[http://support.microsoft.com/default.aspx?scid=fh;\[lnl\];kbhowto](http://support.microsoft.com/default.aspx?scid=fh;[lnl];kbhowto)

This posting is provided "AS IS" with no warranties, and confers no rights.

"Mikel"

<Mikel@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

<news:0B8A518D-B580-4D0E-9FE9-1C12C1238835@xxxxxxxxxxxxxxxxxxxxxxxx>

When installing a  
printer my usb001  
is broken so I'm  
trying to use  
USB002 but  
it doesn't come up  
as a port choice  
when installing new  
printer. All I get  
is  
USB001. I need  
USB002. Any help?

Re: using usb port 2