

# Re: dual modem for dial-up

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*Source:*

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2005-07/msg04649.html>

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- *From:* "Shenan Stanley" <[newshelper@xxxxxxxxx](mailto:newshelper@xxxxxxxxx)>
  - *Date:* Sat, 9 Jul 2005 22:07:45 -0500
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hcross wrote:

- > I read an article that indicated this person was using two 56k modems
- > for their dial-up. Is this possible with XP sp2?
- >
- > Were they blowing smoke? They didn't discuss the set up... only that
- > they were using two modems at the same time and they had a quicker
- > connection because of it. How would one go about setting up two
- > modems in one machine? And then, how would you use them simultaneously
- > on the same phone line?

You can link modems. However most dial-up ISPs caught onto this and you cannot logon with the same dial-up account twice – you have to have two accounts and two phone lines.. Although some providers may actually offer a "Multilink" package. With broadband available in many places and inexpensive – it makes little sense unless it is the only choice you have. You should also be aware that while you might get 112K downloads in some cases, most will only be 66K downloads.. and definitely not faster than 66K uploads.

See : <http://support.microsoft.com/kb/307849/>

To use multiple device dialing:

- ?Your ISP must support synchronization of multiple modems.
- ?You need to install multiple modems.
- ?You need a separate phone line for each modem.

Multilink is enabled automatically in Windows XP Home Edition and Windows XP Professional.

## Configuring Multiple-Device Dialing

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The Network Connections feature performs Point-to-Point (PPP) Multilink dialing over multiple ISDN, X.25, or modem lines. This feature combines multiple physical links into a logical bundle; the resulting aggregate link increases your connection bandwidth. To dial multiple devices, both your connection and your remote access server must have Multilink enabled.

Network Connections can dynamically control the use of lines that are using

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Multilink. By allocating lines only as they are required, excess bandwidth is eliminated. You can configure the conditions under which extra lines are dialed, and underused lines are hung up, by changing Network Connections settings.

Note that if you use Multilink to dial a server that requires callback, only one of your Multilink devices is called back. This occurs because you can store only one number in a user account. Therefore, only one device connects and all other devices do not connect; your connection loses Multilink functionality. You can avoid this problem:

?If the phonebook entry for the Multilink connection uses a standard modem configuration, and the remote access server that your connection is calling uses more than one line for the same number.

?If the phonebook entry for the Multilink connection is ISDN with two channels that have the same phone number.

To configure a connection:

1. Click Start, click Control Panel, click Network and Internet Connections, and then click Network Connections.

2. Click the connection that you want to configure (for example, a dial-up connection), and then, under Network Tasks, click Change settings of this connection.

3. Click the General tab, and then click each device that you want to use for this connection.

4. Use one or more of the following steps:

?To configure dialing devices, phone numbers, the host address, country or region codes, or dialing rules, click the General tab.

?To configure dialing and redialing options, or X.25 parameters, click the Options tab.

?To configure identity authentication, data encryption, or terminal window and scripting options, click the Security tab.

?To configure the remote access server and protocols that are used for this connection, click the Networking tab. Also, click Settings and select the Negotiate multi-link for single link connections check box.

?To enable or disable Internet Connection Sharing, Internet Connection Firewall, and on-demand dialing, click the Advanced tab.

Notes:

?Depending on the type of connection that you are configuring, different options and tabs appear in the connection's properties.

?For more information about a specific item on a tab, right-click the item, and then click What's This?

Hope that helps clear things up...

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Shenan Stanley  
MS-MVP

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How To Ask Questions The Smart Way

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<http://www.catb.org/~esr/faqs/smart-questions.html>

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• **References:**

- ◆ **[dual modem for dial-up](#)**  
◇ From: hcross

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