

How to Configure Windows 95 Dial-Up Networking

Welcome to 95's 32 bit Operating System and say goodbye to 16 bit dialers. Do not use:

1. Custom Connect dialer in the NetManage Chameleon software.
2. Trumpet Winsock dialer in the SVC Internet Valet software.
3. Frontier dialer in the Frontier SuperHighway software.
4. Quarterdeck dialer in the Quarterdeck Internet Suite software.
5. SPRY dialer in the Internet In a Box software.

Have the Windows 95 CD or disks handy for the following procedures:

Step 1: Dial-Up Networking

Double click the My Computer icon to see whether Dial-Up Networking is installed. If it is, skip to Step 2. If not, please continue.

1. Click Start.
2. Select Settings
3. Select Control Panel
4. Select the Add/Remove Properties icon. The Add/Remove Programs Properties sheet appears.
5. Click the Windows Setup tab
6. Select the Communications option
7. Click the Details button
8. Click OK in the Communications dialog box
9. Click OK in the Add/Remove Programs Properties sheet to complete the installation

Step 2: Checking for Multiple Winsock.dll Files

1. Click Start
2. Click Find
3. Select Files or Folders
4. Type: winsock.dll (in the Named Box)
5. Make sure Look In is set to c:\
6. Click Find Now

You should have one winsock.dll in the windows directory. Chameleon's, Trumpet's, Explore's, CompuServe's, Netcom's, etc. winsock.dll should be renamed winsock.old. More than one winsock.dll on your hard drive will lead to problems in resolving hostnames. The Windows winsock.dll will equal 42K in size. Make sure it is the correct one!

Step 3: Network

Add the following network components if you have not done so already. You may be prompted for the Windows 95 CD/Disks after each addition.

1. Click Start
2. Select Settings
3. Select Control Panel
4. Double-Click the Network Icon

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Client For Microsoft Networks

If not in installed box:

1. Click on Add
2. Double-Click on Client
3. Click on Microsoft
4. Click on Client For Microsoft Networks
5. Click OK

Dial-Up Adapter

If not in installed box:

1. Click on Add
2. Double-Click on Adapter
3. Click on Microsoft
4. Click on Dial-up Adapter
5. Click OK

TCP/IP

If not in installed box:

1. Click on Add
2. Double-Click on Protocol
3. Click on Microsoft
4. Click on TCP/IP
5. Click OK

The Network dialog box should now contain: Client For Microsoft Networks, Dial-Up Adapter, TCP/IP

1. Select Dial-Up Adapter
2. Click Properties
3. Select Bindings
4. Make sure the TCP/IP box is checked.
5. Click OK
6. Click OK

Windows 95 may prompt you to restart the system. After restart, proceed to next step.

Step 4: Setting Up a Remote Access Icon

1. Double-Click My Computer
2. Double-Click Dial-Up Networking
3. Double-Click on Make A New Connection
4. Enter Remote Access as the name of the computer you will be dialing into.
5. Click Next
6. Enter the Area Code (if needed), phone number, and Country Code you will be dialing into.
7. Click Next, then Finish
8. You will then have a new icon in the Dial-Up Networking window with the name Remote Access.

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Step 5: Server Information for the Remote Access Icon

1. In Dial-Up-Networking, highlight the Remote Access icon
2. Select File/Properties
3. Click the Server Type button
4. Type of Dial-up Server, Select "PPP: Windows 95, Windows NT, Internet"
5. Advanced Options:
 - "Log on to network" should be CHECKED.
 - "Enable software compression" can be UNCHECKED.
 - "Require encrypted password" should be UNCHECKED.
6. Allowed network protocols:
 - "NetBEUI" should be UNCHECKED.
 - "IPX/SPX" should be UNCHECKED.
 - "TCP/IP" must be CHECKED.
7. Click on TCP/IP Settings
 - Select "Server assigned IP Address."
 - Select "Server assigned name server addresses."
 - Leave the Primary & Secondary WINS at 0.0.0.0.
 - "Use IP header compression" should be UNCHECKED.
 - "Use default gateway on remote network" must be CHECKED.
8. Click OK / Click OK / Click OK
9. Double-Click the Remote Access icon
10. Enter your Remote Access username and password.
11. Click Connect.

After setting up your Windows 95 dialer, you should use the Remote Access icon to dial Remote Access service.