
Alternate Windows 3.1 or 3.11 Installation — (for non-Plug and Play)

Windows 3.1 or 3.11 users are normally better off using jumpers to set up their internal faxmodem. The following instructions are for users who want to use software to configure their modem.



Do not handle any internal modem card when the phone line is plugged into it. The voltages present when the line is ringing are potentially harmful.

If you ever need to remove the card from your computer for any reason, simply remove the phone line from the internal card before handling it.



CAUTION

Electrostatic Discharge Protection

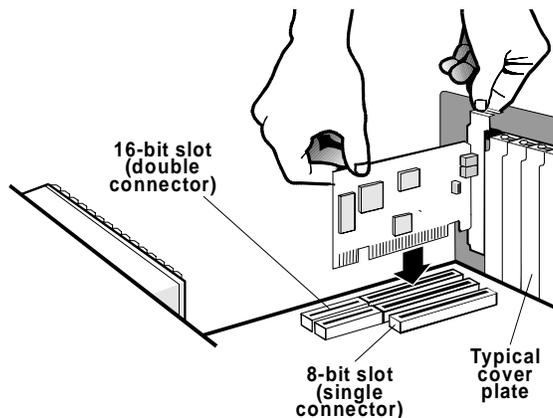
Before removing the board from its anti-static bag, hold the bag with one hand and touch the computer's metal chassis to statically discharge yourself.

Installing the Faxmodem

- 1 Before you start the hardware installation, turn your computer off and unplug it.** Don't plug it back in or turn it on until you complete the faxmodem installation. Remember, your computer should be located near a phone jack.
- 2 Take the cover off your computer.** If you are not familiar with the procedure, consult your computer's manual for instructions.
- 3 Unscrew and remove the metal cover plate on the rear of the computer that lines up with an available 16-bit slot.**

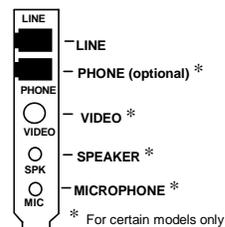
If you are replacing an older modem that is in the slot, now is a good time to remove it. Look for a board with one or more phone jacks on it. To remove the modem: unplug any cables connected to it. Unscrew the screw and lift the board from the PC's bus.

- 4 Plug the faxmodem firmly into the 16-bit slot (see the illustration below).** Be sure that the bracket is lined up properly, then screw the bracket into the computer using the screw you removed with the cover plate.



- 5 Replace the computer cover.**

- 6 Connect the telephone cord.** Plug one end of the phone cord into the jack marked LINE. Plug the other end into a phone jack (where you would normally connect a phone). Some models may include a phone jack for an optional telephone or jacks for a microphone and speaker.



- 7 Plug in your computer and turn it on.**

Configuring Windows 3.1 or 3.11

- 1** To run the SETPORT utility from your DOS prompt, go to the Program Manager, then go to the **File** menu and click **Close**.

Insert the Modem Utilities disk in your floppy drive.

- 2** From the DOS prompt, type **A:** (or the drive letter of the correct drive) and press **Enter**. At the A:\ prompt, type **cd setport** and press **Enter**. This opens the SETPORT directory.

This directory contains utilities that help you configure your faxmodem's COM port and IRQ settings.

- 3** Type **setport 3** and press **Enter**. The program tries to set up the faxmodem on COM 3. In almost all circumstances, **setport 3** successfully sets the modem to COM 3 and a free IRQ, usually 12 or 11.

Once the program finds a free IRQ, it tries to communicate with the faxmodem using these settings. If successful, the program asks if you want it to automatically modify your AUTOEXEC.BAT and SYSTEM.INI files.

We strongly recommend that you answer **Yes** to these prompts; otherwise, you will need to run the SETPORT utility each time you use your modem.

If unsuccessful, the software checks more IRQs until it finds one that works. The software checks the following IRQs in order: 12, 11, 15, 10, 7, and 5.

If you don't get an error message at this point and your computer does not start behaving erratically, skip to step 5; your faxmodem hardware is installed.

If you do have a problem, continue below.

- 4** Repeat step 3, but use COM 4 (i.e., type **setport 4** and press **Enter**). If COM 4 results in an error message, try COM 1 and then COM 2.

Even if SETPORT is successful, you may still run into a conflict with another peripheral, such as a mouse, a video card, or a sound card. This happens because SETPORT is unable to tell that a particular IRQ setting is already assigned to another device if that device is not being used at the time. If you get erratic behavior, such as inconsistent modem performance or a piece of hardware that stops working even though it worked before, read the next section, *A Note About IRQs and Conflicts*, for suggestions. Better yet, re-consider configuration using jumpers discussed in the section, *Using COM Port Jumpers*, beginning on page 11 in your Owner's Manual.

Write down the COM port and IRQ setting of your faxmodem in the *Important Information* table on page 33 of your Owner's Manual.

If you are successful at this point, you can move on to *your Quick Start* guide.

A Note About IRQs and Conflicts

While SETPORT.BAT and PORTWIZ.EXE do their best to configure your faxmodem on a free IRQ, it is possible that some of your other hardware is also configured to use that IRQ. That is why the programs first try to query the IRQs least likely to be used by your system.

In the unusual event that PORTWIZ configures your faxmodem to use a COM port/IRQ combination that conflicts with other hardware, either the faxmodem or the other hardware won't work properly. If that happens, you can run PORTWIZ by itself to try other COM port/IRQ combinations.

SETPORT copies PORTWIZ into the root directory (usually C:\) the first time you run it. After that, you can run PORTWIZ from the DOS prompt. You can specify a COM port and IRQ for PORTWIZ to try; the command format is:

portwiz <COM port hex address><IRQ number(s)></w>

where the COM port hex addresses are:

COM1 3f8 COM2 2f8 COM3 3e8 COM4 2e8

and /w activates the Wizard mode, in which PORTWIZ edits the AUTOEXEC.BAT and SYSTEM.INI files for you.

Examples:

1. To configure the faxmodem for COM 4 and IRQ 10, type:

portwiz 2e8 10

and press **Enter**. If this combination works, then put this line in your AUTOEXEC.BAT file and remember to edit the [386Enh] section of your SYSTEM.INI file as well. Add the lines:

**COM3Base=2e8h
COM3Irq=10**

You do not need to reboot in order to start using your faxmodem immediately in either DOS or Windows.

2. To configure the faxmodem to the same COM port and IRQ, but have PORTWIZ edit your AUTOEXEC.BAT and SYSTEM.INI files for you, type:

portwiz 2e8 10 /w

and press **Enter**. The /w activates the Wizard mode, which handles the file changes automatically.

3. If you are unsure of which IRQ to use, you can instruct PORTWIZ to try a series of IRQs in sequence. Use only IRQs 12, 11, 15, 10, 7, and 5 in that order. You may specify any or all of them in this example. You also may use the /w switch to activate the Wizard mode.
4. To set the faxmodem to COM 2 and test IRQs 12, 11, 7, and 5 in the Wizard mode, type:

portwiz 2f8 12 11 7 5 /w

and press **Enter**. Note there are no commas, but the spaces are required.

If you type:

portwiz

and press **Enter** without typing any arguments, PORTWIZ displays a list of instructions on the screen.