



Chapter 2

Installing BitWare

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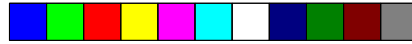
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2-2 ■ BitWare for Windows





This chapter will help you quickly install BitWare. In addition, it lists what you need to check before you begin the installation.

Preparing to Install BitWare

Before installing BitWare to your system, please do the following:

- Check that your system has the required software and hardware.
- Check that your modem is properly installed.
- Make backup copies of the program disks.

Checking Your System: Hardware and Software Requirements

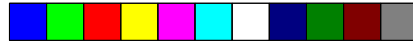
The following lists the hardware and software you need to use BitWare.

Note: To use BitWare's (optional) voice features, you must use a voice/fax modem.

- ☐ A '386- or '486-based computer.
- ☐ A voice/fax modem or a fax modem installed.
To use BitWare's voice features, you must have a voice/fax modem installed.

BitWare supports Class 1, Class 2, Intel CAS, and other fax modems with or without voice capabilities.

- ☐ If you are using an external voice/fax modem, we suggest connecting it to an I/O card with a 16550 or 16550A UART. A UART (Universal Asynchronous Receiver/Transmitter) is a circuit that processes the data your modem and computer exchange. I/O cards with slower 8250 or 16450 UARTs might not be fast enough to reliably record and play voice messages, but work fine for transferring faxes and data.



Most internal voice/fax modems have fast UARTs built in.

- ☐ 4 MBs of RAM.
- ☐ Windows 3.1 or later installed.
- ☐ DOS 3.1 or higher. (DOS 5.0 or higher is preferred.)
- ☐ A hard disk with 5 megabytes of free disk space.
- ☐ A mouse or equivalent pointing device (optional).
- ☐ A printer (optional).

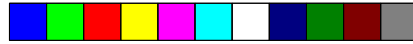
Checking Your Modem

Before installing BitWare, check that your voice/fax modem or fax modem is properly installed and working.

If you are using a CAS modem, check that its accompanying software has been correctly installed and loaded. Refer to your CAS fax modem's documentation.

Backing Up Your Program Disks

Before installing BitWare, make a backup copy of your program disks. Each backup disk must have the same label as the original disk. You can use the "Copy Disk.." command in the Disk menu of the Windows File Manager. From DOS, you can use the DISKCOPY command. We recommend write protecting your original disks to help prevent accidental erasing or overwriting.



Installing BitWare

This section describes how to install BitWare to your system.

Upgrading From a Windows or DOS Version of BitFax

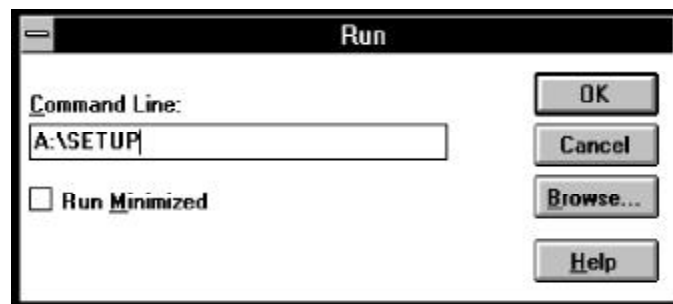
If you are upgrading from an earlier DOS or Windows version of BitFax, the installation program will automatically detect the earlier version and import its phone book and its log entries.

Installing BitWare

Before installing BitWare, check that your modem is correctly installed and turned on.

To install BitWare:

1. Start Windows and turn on your modem.
2. Insert "Disk 1" into drive A (or drive B).
3. Choose "Run..." from the File menu in the Windows Program Manager.



4. In the "Command Line" text-entry box, enter A:\SETUP (or B:\SETUP) and choose "OK."
After a few moments, the Install dialog box will appear.

5. Follow the instructions that appear on your screen.
6. At the end of installation, system will try to auto-detect the COM port and the modem.

WARNING: Some COM port drivers do not allow autodetection. If your system crashes during autodetection, then verify the following:

Edit the SYSTEM.INI file and see if:

`COMM.DRV=COMM.DRV`

or

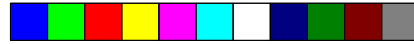
`COMM.DRV=RHSICOMM.DRV`

If the COMM.DRV is set to any other driver, change it back to COMM.DRV and try the installation again.

If your system still crashes during Auto-Detection, you must either have a COM port conflict, or other hardware related problems.

7. Register Your Copy of BitWare

After successful installation, the system will request you to register your software. This is a great opportunity to test the functionality of the modem. To register, you may first want to select the closest Cheyenne office from the country listbox. The phone number is set according to your selection. If necessary, add other dialing prefix to the phone number.



The Latest Updates and Changes

Open and read the README.WRI file that was copied to your BitWare directory. It contains new information and instructions about BitWare that were unavailable when this manual was printed.

To open the file, double-click on the Windows Write icon labeled "Read Me" in the BitWare program group.

Changes to Your Windows INI Files

The Install program added the following lines to your WIN.INI file. The entries below assume you installed BitWare Profession on your C drive and that your modem is using COM 2.

```
[PrinterPorts]
BitWare Fax Driver=BITWARE,COM2:,15,45
```

```
[devices]
BitWare Fax Driver=BITWARE,COM2:
```

```
[BitWare]
BitWareIni=C:\BITWARE\BITWARE.INI
```

The install program may also make this change to your SYSTEM.INI file:

```
COMM.DRV=RHSICOMM.DRV
COMxFIFO=1  where x is 1 if you are using
             COM1, 2 if you are using COM2,
             etc..
```