Read the instructions in this section and in the option documentation before installing optional hardware.

The open 5 1/4" drive bay in your computer provides room for one storage device. The two upper bays already have a floppy and hard drive installed. The lower bay supports a half-height, 5 1/4" device or a standard-height, 3 1/2" device.

You can add another hard disk drive drive to your computer. The IDE hard drive connector on the main logic board supports up to two internal IDE hard drives.

You can also install tape drives, CD-ROM drives, and ESDI, SCSI, and ST-506 hard drives. Note, however, that ESDI and ST-506 drives cannot coexist with IDE drives.

CAUTION: Connect non-IDE drives to expansion adapters (available separately from the computer). Do not connect them to the IDE connector. Refer to your drive documentation for instructions on installing and connecting to such expansion adapters.

Drive installation procedures are provided below:

```
┌────────────────────────────────────────────────────┐
│ Installing a 3 1/2" Drive in the 5 1/4" Bay        │
└────────────────────────────────────────────────────┘
```

Use the following procedure to install a 3 1/2" hard drive in the 5 1/4" bay:

1. Have information handy about the drive you are installing. This information is printed on the drive or provided in the documentation that comes with the drive. You may need this information later for the setup utility.

2. Adjust drive components such as jumpers, switches, and terminating resistors as necessary. Refer to the drive documentation.

3. Turn off the computer, and disconnect all cables.

4. Open the computer to gain access to the bay.

5. When installing a hard drive, slide the drive into the bay. Align the appropriate holes on the drive with the holes on the bay. Refer to the drive documentation.

6. Use the screws provided with the computer to mount the hard drive.

7. Make the appropriate drive connections:

   Second IDE Hard Drive - Connect the unused connector on the IDE drive cable to the new drive.

NOTE: To connect an unkeyed IDE cable, align Pin 1 of the cable connector

with Pin 1 of the main logic board connector. Then, press the cable
connector onto the main logic board connector. The drive cable might
have a stripe to indicate Pin 1. Pin 1 of the main logic board
connector is indicated by a dot or a 1 printed on the board.

Non-IDE Hard Drive - Connect the drive to its expansion adapter as
directed in the documentation provided with the drive and the expansion
adapter.

8. Select an unused cable extending from the power supply, and connect it
    to the power connector on the back of the drive.

CAUTION: The power cables are keyed to fit only one way. Do not force the
connection.

9. Run the setup utility, and enter information about the drive. Refer to
   the information obtained in step 1.

┌─────────────────────────┐
│ Installing a 5 1/4" Drive │
└─────────────────────────┘

Use the following procedure to install a 5 1/4" drive:

1. Have information handy about the drive you are installing. This
   information is printed on the drive or provided in the documentation that
   comes with the drive. You may need this information later for the setup
   utility.

2. Adjust drive components such as jumpers, switches, and terminating
   resistors as necessary. Refer to the drive documentation.

3. Turn off the computer, and disconnect all cables.

4. Open the computer to gain access to the bay.

5. Remove the plastic card from the bottom of the bay.

6. Select the appropriate mounting holes for the drive. Refer to the drive
   documentation.

7. Slide the drive into the bay. Align the mounting holes in the drive with
   the three mounting holes on the bottom of the carriage. Refer to the
   drive documentation.

8. Use three screws provided with the computer to mount the drive in the
   bay.

9. Make the appropriate drive connections:

   Second IDE Hard Drive - Connect the unused connector on the IDE drive
   cable to the new drive.

NOTE: To connect an unkeyed IDE cable, align Pin 1 of the cable connector
      with Pin 1 of the main logic board connector. Then, press the cable
      connector onto the main logic board connector. The drive cable might
      have a stripe to indicate Pin 1. Pin 1 of the main logic board

connector is indicated by a dot or a 1 printed on the board.

Non-IDE Hard Drive - Connect the drive to its expansion adapter as
directed in the documentation provided with the drive and the expansion
adapter.

10. Select an unused cable extending from the power supply, and connect it
to the power connector on the back of the drive.

CAUTION: The power cables are keyed to fit only one way. Do not force the
connection.

11. Run the setup utility, and enter information about the drive.

Faxback Document # 1674 will provide information on using the setup utility.

(jej-05/11/94)