

DRIVE	CAT.NO.
5.25" 360K Floppy	25-1063
5.25" 1.2MB Floppy	25-4050
3.5" 720k Floppy	25-1075
3.5" 1.44MB Floppy	25-4053
52MB SmartDrive	25-4124
105MB SmartDrive	25-4130
40MB SCSI Hard drive	25-4159 (requires 25-4161 adapter)
80MB SCSI Hard drive	25-4160 (requires 25-4161 adapter)
170MB SCSI Hard drive	25-4162 (requires 25-4161 adapter)
440MB SCSI Hard drive	25-4167 (requires 25-4161 adapter)
20MB Hard Card	25-1032
40MB Hard Card	25-4059
160MB SCSI Tape backup	25-4166 (requires 25-4161 adapter)
60MB Tape backup	25-4079
20MB Disk Cartridge	25-4064A

## NOTES TO TAPE DRIVE/ CARTRIDGE OWNERS:

- \* Check with the trained technicians at a Radio Shack Service Center before you install a tape or disk cartridge system. Some tape and disk cartridge systems require additional hardware for proper installation.
- \* Only the lower drive bay supports a tape or disk-drive cartridge system. Refer to "Installing a 5.25 inch Drive."

256KB Video Memory Upgrade - (Cat. No. MX-3750). Kit consists two 40-pin video memory chips. Installation available.

Intel 80387 or Weitek 3167

- Math Coprocessor - Process numeric data more rapidly.  
Requires a 20 MHz 80387SX coprocessor  
(Cat. No. 900-2586)
- Modem - Transmits/receives data through telephone lines.  
Cat. No. 25-1013 - 1200 BPS modem, 8 bit, half-card.  
Cat. No. 25-1037 - 2400 BPS modem, 8 bit, half card.
- Hand Scanner - Converts printed text and graphics to a digital form
- FAX adapter - Transmits/receives scanned graphic images through ordinary phone line.  
Cat. No. 25-3063 - Tandy FaxMate
- CD-ROM drive - Accesses the enormous storage capabilities of read-only disks.

Cat. No. 25-1081 CDR-1500 Internal CD-ROM Drive. Fits in 5.25" device slot.

MIDI interface adapter - Enables you to connect a music synthesizer to your computer for digital composition, storage, and playback.

#### INSTALLATION OVERVIEW

When installing internal options, be sure to:

- \* Remove and replace the computer cover as directed.
- \* Check the configuration of the serial or parallel adapter if you are connecting a serial or parallel device.
- \* Run the Setup utility to complete the installation of drives, memory, serial/parallel adapters, or video expansion adapters.

When installing expansion adapters, be sure that:

- \* The metal slot cover on the expansion adapter is seated correctly in the back panel slot.
- \* The fastening screw is securely tightened.
- \* The front end of the expansion adapter fits into the corresponding plastic expansion adapter guide (long expansion adapters only).
- \* The expansion adapter is securely mounted in the expansion adapter slot.

#### BOARD LAYOUT

#### CONFIGURATION SETTINGS

You do not need to change the configuration settings (jumper settings) of the computer unless the installation procedure for an option specifically instructs you to do so. Read this section if you need to change a configuration setting.

#### JUMPERS

FEATURE	DESCRIPTION	JUMPER SETTING
Monitor Type	Software selection by Setup*	E11 and E12 installed
	Color	E10 and E11 installed
	Monochrome	E10,E11,E12 no connection
BIOS ROM Type (256KB)	Do not change, reserved for factory use*	E22 and E23 no connection E24 and E25 installed
IDE IOCHRDY	Enabled*	E1 and E2 installed
	Disabled	E1 and E2 no connection
IDE DIAG	Normal operation*	E3 and E4 no connection

	Diagnostic mode	E3 and E4 installed
I/O Recovery	Enabled*	E8 and E9 installed
	Disabled	E8 and E9 no connection
System Timing	Do not change, reserved for factory use*	E14 and E15 installed E17 and E18 installed E19 and E20 installed
*Indicates factory setting		

#### INSTALLING AN EXPANSION ADAPTER

To install an expansion adapter, follow these steps:

1. Remove the screw from an expansion slot cover at the back of the computer.
2. Slide the metal bracket up and out of the slot.
3. With the back edge of the expansion adapter (the end with the metal bracket) facing back of the computer, carefully align and press the expansion adapter into the expansion slot. Be sure the expansion adapter is fully seated.
4. After the expansion adapter is in place, secure it with the retaining screw you removed in Step 1.
5. Run the Setup utility, if necessary, to complete the installation.