

256K SIMMS

* 25-5135 consists of two 256K X 9 SIMM chips at 80 nanoseconds.

1MB SIMMS

25-5137 consists of two 1 MB x 9 SIMM chips at 60 nanoseconds.

Memory Boards

Third Party - Memory expansion can be accomplished by using a third party 16-bit memory board.

* = Discontinued Radio Shack product

Tandy 2500SX/20 - Expand from 1MB:	
Add to the Main Logic Board	
2MB	(2) 25-5135 *
3MB	25-5137
5MB	(2) 25-5137
Use a Third Party Memory Adapter to continue memory expansion, see vendor instructions for chip kits necessary.	

NOTE: Do not use a STB Rapid Meg Memory expansion board in this machine. A Third Party board that does work is the RAMpat! Plus from Acculogic, (714-454-2441)

INSTALLING ADDITIONAL SYSTEM MEMORY

The main logic board has 1 MB of permanently installed memory in Banks 0 and 1. Four empty SIMM sockets (Banks 2 and 3) are available for additional memory. you can install 80 ns SIMMs, either 256KB or 1MB, in these sockets. Banks 2 and 3 are labeled A and B on the main logic board.

Refer to the following table for the number and type of SIMMs required for each memory configuration:

TOTAL MEMORY	TOTAL NUMBER OF SIMMs	SIMM TYPE	BANKS USED IN UPGRADE
1.5 MB	2	256 KB	2
2 MB	4	256 KB	2, 3
3 MB	2	1 MB	2
5 MB	4	1 MB	2, 3

Install the SIMMs as described in your SIMM kit installation guide. If you

install 256 KB SIMMs, you must remove them if you later choose to upgrade to 3 MB or 5 MB. Do not mix 256 KB SIMMs with any other type of SIMMs.

After installing the SIMMs, run the SetupSX program on MS-DOS Disk 1. SetupSX completes the installation by ensuring that the new memory is recognized in the system. Faxback Document # 1105 will provide specific information on using the SetupSX utility.

INSTALLING ADDITIONAL VIDEO MEMORY

Your computer has 256 KB of video memory permanently installed on the main logic board. Video memory is separate from system memory.

The video memory enables you to use the standard video modes and some Super VGA modes. Use the Super VGA modes only with applications designed to support them. Some Super VGA modes require a multiple-frequency monitor, video drivers, or additional video memory.

To use the 640 x 480, 256-color graphics mode and the 1024 x 768, 16-color graphics mode, you must increase the amount of video memory to 512 KB.

Use a 256 KB Video Memory Upgrade Kit (MX-3750) to upgrade the video memory to 512 KB. This kit contains two 40-pin memory chips for the two video memory chip sockets on the main logic board. The kit is available through Radio Shack stores. If you choose not to install the kit yourself, a trained technician at a Radio Shack Service Center can install it for you.

CAUTION: Incorrect installation of the video memory chips can damage the chips or your main logic board. Install the chips carefully.

Install the video memory upgrade kit as follows:

1. Refer to "Main Logic Board Layout" to locate the two video memory chip sockets. To reach the video sockets more easily, turn the computer so that the back of the computer faces you.
2. Remove one chip from the antistatic packaging. Pin 1 of the chip is indicated by a dot and a notch on one end. The main logic board is labeled 1 at the Pin 1 end of the memory chip sockets.
3. Orient the memory chip so that the dot on the notched end of the chip aligns with the corner of the socket that is labeled 1.
4. Carefully press the memory chip into the socket. Be sure that the pins of the chip do not bend.
5. Repeat Steps 2 through 4 for the second memory chip.

When you restart the computer, it has 512 KB of video memory. The video memory is not checked when diagnostics are performed at system startup.