4 Meg x 32 bit SIMM Modules Stock # 25-5138.

All other memory sizes are available through Third Party Products.

Installing System Memory

Your system has a minimum of 4MB of system memory, provided by a 4MB SIMM
installed in a SIMM socket (Bank 0 on the main logic board. The maximum
amount of memory that can be installed in the sockets is 64MB.

The SIMM sockets on the main logic board support 32-or 36-bit 1MB, 2MB,
4MB, 8MB, and 16MB SIMMs. The computer requires SIMMs rated at 70 ns or
faster.

> Note: Only 16MB SIMMs that use 4MB x 4 DRAMs are
   supported.

Some applications include commands that you manage memory. Refer to the
MS-DOS documentation to learn more about how the system can use memory.

When determining upgrade amounts, consider the requirements of the
applications you will be using. Refer to the following table to
determine the number and type of SIMMs you need to install for an
upgrade. Then, purchase the appropriate SIMMs. Use the procedure in
this section to install the SIMMs. Refer to any documentation provided
with the SIMMs for additional instructions.

Retain the antistatic packaging in which the SIMMs are shipped. You can
use the packaging to store any SIMMs you remove later.

After installing the SIMMs, run the setup utility and press F2 to confirm
that the new memory amount is recognized at system startup.

System Memory Configurations

The following table lists the number and type of SIMMs required for some
popular memory configurations. The installation procedure follows the
upgrade tables. Consult your computer dealer to learn about other
supported memory configurations.

Total Memory (MB)	Size SIMM Installed (MB)				Interleave Mode
	Bank 0	Bank 1	Bank 2	Bank 3	
4	4	0	0	0	None
5	4	1	0	0	None
6	4	1	1	0	Two-Way
6	4	2	0	0	None
7	4	1	1	1	Two-Way
7	4	2	1	0	None
8	4	2	1	1	Two-Way
8	4	0	2	2	Two-Way
8	4	4	0	0	Two-Way
8	8	0	0	0	None
9	4	1	2	2	Two-Way

9	4	4	1	0	Two-Way
9	8	1	0	0	None
10	4	2	2	2	Two-Way
10	4	4	1	1	Two-Way
10	4	4	2	0	Two-Way
10	8	0	1	1	Two-Way
10	8	2	0	0	None
11	4	4	2	1	Two-Way
11	8	1	1	1	Two-Way
11	8	2	1	0	None
12	4	4	2	2	Two-Way
12	4	4	4	0	Two-Way
12	8	2	1	1	Two-Way
12	8	0	2	2	Two-Way
12	8	4	0	0	None
13	4	4	4	1	Two-Way
13	8	1	2	2	Two-Way
13	8	4	1	0	None
14	4	4	4	2	Two-Way
14	8	2	2	2	Two-Way
14	8	4	1	1	Two-Way
14	8	4	2	0	None
15	8	4	2	1	None
16	4	4	4	4	Four-Way
16	8	4	2	2	Two-Way
16	8	0	4	4	Two-Way
16	8	8	0	0	Two-Way
16	16	0	0	0	None
17	8	1	4	4	Two-Way
17	8	8	1	0	Two-Way
17	16	1	0	0	None
18	8	2	4	4	Two-Way
18	8	8	1	1	Two-Way
18	8	8	2	0	Two-Way
18	16	1	1	0	Two-Way
18	16	2	0	0	None
19	8	8	2	1	Two-Way
19	16	1	1	1	Two-Way
19	16	2	1	0	None
20	8	4	4	4	Two-Way
20	8	8	2	2	Two-Way
20	8	8	4	0	Two-Way
20	16	2	1	1	Two-Way
20	16	0	2	2	Two-Way
20	16	4	0	0	None
21	8	8	4	1	Two-Way
21	16	1	2	2	Two-Way
21	16	4	1	0	None
22	8	8	4	2	Two-Way
22	16	2	2	2	Two-Way
22	16	4	1	1	Two-Way
22	16	4	2	0	None
23	16	4	2	1	None
24	8	8	4	4	Two-Way
24	8	8	8	0	Two-Way
24	16	4	2	2	Two-Way
24	16	4	4	0	Two-Way

24	16	8	0	0	None
25	8	8	8	1	Two-Way
25	16	4	4	1	Two-Way
25	16	8	1	0	None
26	8	8	8	2	Two-Way
26	16	4	4	2	Two-Way
26	16	8	1	1	Two-Way
26	16	8	2	0	None
27	16	8	2	1	None
28	8	8	8	4	Two-Way
28	16	4	4	4	Two-Way
28	16	8	2	2	None
28	16	8	4	0	None
29	16	8	4	1	None
30	16	8	4	2	None
32	8	8	8	8	Four Way
32	16	8	4	4	Two-Way
32	16	0	8	8	Two-Way
32	16	16	0	0	Two-Way
33	16	1	8	8	Two-Way
33	16	16	1	0	Two-Way
34	16	2	8	8	Two-Way
34	16	16	1	1	Two-Way
34	16	16	2	0	Two-Way
35	16	16	2	1	Two-Way
36	16	4	8	8	Two-Way
36	16	16	2	2	Two-Way
36	16	16	4	0	Two-Way
37	16	16	4	1	Two-Way
38	16	16	4	2	Two-Way
40	16	8	8	8	Two-Way
40	16	16	4	4	Two-Way
40	16	16	8	0	Two-Way
41	16	16	8	1	Two-Way
42	16	16	8	2	Two-Way
44	16	16	8	4	Two-Way
48	16	16	8	8	Two-Way
48	16	16	16	0	Two-Way
49	16	16	16	1	Two-Way
50	16	16	16	2	Two-Way
52	16	16	16	4	Two-Way
56	16	16	16	8	Two-Way
64	16	16	16	16	Four-Way

Installing SIMMs

Before you begin, carefully read the following steps and the
documentation provided with the memory kit. To install SIMMs:

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

2. Discharge any accumulated static electricity from your
    body by touching a grounded metal object. Then, open
    the computer. Refer to "Opening the Computer."

3. If you have any full-length expansion adapters installed
    in the expansion slots, remove them to permit unhindered

access to the SIMM sockets on the main logic board

4. Refer to the preceding memory upgrade table to determine
    where each SIMM should be placed.

5. Holding the SIMM by the edges, tilt it to a 45-degree
    angle from the main logic board. Press the metal-edged
    connector into the socket, and firmly seat the SIMM.
    Then, press the top edge of the SIMM toward the
    retaining clips until the SIMM latches into place:

6. Replace any full-length expansion adapters you may have
    removed earlier.

7. Close the computer. Refer to "Closing the Computer" and
    the "Getting Started" section.

8. Run the setup utility and press F2 to store the new
    memory amount. Refer to the "Utilities" section. Then,
    update the system worksheet.

Removing SIMMs

Before removing or rearranging SIMMs, refer to the memory upgrade tables
in the section. Choose a suitable configuration from those listed. When
removing SIMMs, begin with the socket nearest the back of the computer.

Remove the back panel cables, and open the computer. Remove any adapters
from the expansion slots. To remove a SIMM, open the remaining clips and
push the top edge of the SIMM away from the clips until the SIMM is at a
45-degree angle from the main logic board. Then, pull the SIMM away from
the board. Store the SIMM in an antistatic package.

Close the computer. Refer to "Closing the Computer." Run the setup
utility to store the new memory value. Then, update the system
worksheet.

(02/04/94)