

Installing DRAM

SIMM Banks

The PT-2200 can accommodate onboard memory from 8 to 512MB using EDO SIMMs (Single-In-Line Memory Modules). The mainboard has two memory banks — Bank 0 and Bank 1. Each bank has two SIMM sockets which can accept either a pair of 4MB, 8MB, 16MB, 32MB, 64MB, or 128MB SIMM in each socket.

Extended Data Output (EDO) memory is the latest DRAM chip design that performs a lot better than the fast-page mode DRAM type. With EDO memory, CPU access to memory is 10 to 15% faster.

DRAM Configuration

Memory can be installed in a variety of configurations, as shown in the following table:

TOTAL MEMORY	BANK 0 (72-PIN x 2)	BANK 1 (72-PIN x 2)
8MB	4MB & 4MB	
16MB	8MB & 8MB	
24MB	8MB & 8MB	4MB & 4MB
32MB	8MB & 8MB	8MB & 8MB
40MB	16MB & 16MB	4MB & 4MB
48MB	16MB & 16MB	8MB & 8MB
64MB	16MB & 16MB	16MB & 16MB
	32MB & 32MB	
72MB	32MB & 32MB	4MB & 4MB
80MB	32MB & 32MB	8MB & 8MB
96MB	32MB & 32MB	16MB & 16MB
128MB	32MB & 32MB	32MB & 32MB
136MB	64MB & 64MB	4MB & 4MB
144MB	64MB & 64MB	8MB & 8MB
160MB	64MB & 64MB	16MB & 16MB

→ **NOTE : All memory banks use 72-pin memory modules.**

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TOTAL MEMORY	BANK 0 (72-PIN x 2)	BANK 1 (72-PIN x 2)
192MB	64MB & 64MB	32MB & 32MB
256MB	64MB & 64MB	64MB & 64MB
512MB	128MB & 128MB*	128MB & 128MB*

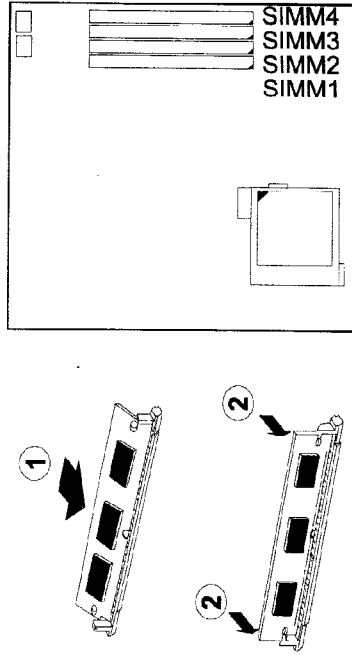
* The SIMM of this size is not available yet for testing when this manual is printed.

Installation Instructions



NOTE : Always observe static electricity precautions. See "Handling Precautions" at the start of this manual.

1. Locate the SIMM banks on the mainboard.
2. Insert the SIMM edge connector onto the socket.



3. Carefully push the SIMM down and back into the socket until the retaining clips of the socket snap, holding the SIMM in place. The holes in the SIMM should match the pins on the socket's retaining clips.

To remove the SIMM/s, pull the retaining latch on both ends of the socket and reverse the procedure above.

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