

3.2 Install DRAM

3.2.1 SIMM Banks

The system board can accommodate onboard memory from 2 to 512MB using SIMMs (Single-In-Line Memory Modules). The system board has four memory banks — Bank 0, Bank 1, Bank 2, and Bank 3. Each bank has two SIMM sockets which can accept either a 1MB, 2MB, 4MB, 8MB, 16MB, 32MB or 64MB SIMM in each socket.

3.2.2 DRAM Configuration

Memory can be installed in any combination as long as each bank of 2 sockets are filled with the same size of SIMM module. SIMM modules must be fast page mode with a speed of 70 ns or faster. Each bank can independently accept single or double-sided SIMMs. All memory banks use 72-pin memory modules with or without parity.

3.2.3 Installing and Removing Instructions

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

Complete the following steps to install SIMM modules:

1. Carefully fit a SIMM at a 45 degree angle into the empty socket to be populated.
2. Swing each SIMM into its upright, locked position. When locking a SIMM in place, push on each end of the SIMM do not push in the middle.

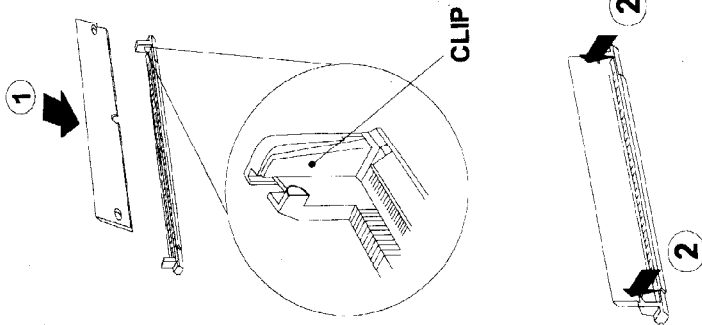


Figure 3-2. Installing a SIMM Module

→ **NOTE : The SIMMs will only fit in one direction**

When adding RAM memory modules (SIMMs), it may be necessary to remove the existing SIMMs so you have enough room to install additional SIMMs.

Complete the following steps to remove a SIMM:

1. Carefully push out on the brackets securing each end of the SIMM while pushing out on the SIMM until it rests at a 45 degree angle. It is sometimes necessary to unlock an adjacent SIMM to allow enough working space.