

Installing DRAM

SIMM Banks

The 486-PIO-2 can accommodate on-board memory from 1 to 128MB using SIMMs (Single-In-Line Memory Modules). The mainboard has four memory banks — Bank 0, 1, 2, 3. Bank 0, 1, 2 and 3 can accept either a 1MB, 4MB, 16MB or 32MB SIMM in each socket.

DRAM Configuration

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

TOTAL MEMORY	BANK 0 (72-PIN)	BANK 1 (72-PIN)	BANK 2 (72-PIN)	BANK 3 (72-PIN)
1MB	1MB	1MB	1MB	
2MB	1MB 1MB	1MB	1MB	1MB
3MB	1MB	1MB	1MB	1MB
4MB	1MB 4MB	1MB	1MB	1MB
5MB	1MB 4MB	1MB	1MB	
6MB	1MB 1MB 4MB	1MB	1MB	1MB
7MB	4MB 4MB	1MB	1MB	1MB

TOTAL MEMORY	BANK 0 (72-PIN)	BANK 1 (72-PIN)	BANK 2 (72-PIN)	BANK 3 (72-PIN)
8MB	4MB 4MB	4MB 4MB	4MB 4MB	4MB
9MB	1MB 4MB 4MB	4MB 1MB 4MB	4MB 4MB 4MB	4MB
10MB	1MB 1MB 4MB 4MB	1MB 4MB 4MB 4MB	4MB 4MB 4MB 4MB	4MB 4MB
12MB	4MB 4MB	4MB 4MB	4MB 4MB	4MB 4MB
13MB	4MB 4MB	4MB 1MB 16MB	4MB 4MB	4MB
16MB	4MB 1MB 1MB	4MB 16MB	16MB	4MB
17MB	1MB 1MB	1MB 16MB	16MB	16MB
18MB	1MB 1MB	16MB 16MB	16MB	16MB
19MB	1MB 4MB 4MB	16MB 16MB	16MB	16MB
20MB	4MB 4MB	4MB 16MB	16MB	16MB
21MB	1MB 4MB 4MB	4MB 16MB 16MB	16MB	16MB
22MB	4MB 4MB	4MB 16MB	16MB	16MB
24MB	4MB 4MB	4MB 16MB	16MB	16MB
25MB	1MB 4MB 28MB	16MB 16MB	16MB	16MB
33MB	1MB 1MB	16MB 16MB	16MB	16MB
34MB	1MB 1MB	16MB 16MB	16MB	16MB