

Installing DRAM

SIMM Banks

The PA-2000 can accommodate onboard memory from 2 to 192MB using SIMMs (Single-In-Line Memory Modules). The motherboard has three memory banks — Bank 0, Bank 1, and Bank 2. Each bank has two SIMM sockets which can accept either a 1MB, 4MB, 8MB, 16MB or 32MB SIMM in each socket.

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)	BANK 2 (72-PIN x 2)
2MB	1MB & 1MB		
4MB	1MB & 1MB	1MB & 1MB	
6MB	1MB & 1MB	1MB & 1MB	1MB & 1MB
8MB	4MB & 4MB		
10MB	4MB & 4MB	1MB & 1MB	
12MB	4MB & 4MB	1MB & 1MB	1MB & 1MB
16MB	8MB & 8MB		
18MB	8MB & 8MB	1MB & 1MB	
24MB	4MB & 4MB	4MB & 4MB	4MB & 4MB
32MB	16MB & 16MB		
34MB	16MB & 16MB	1MB & 1MB	
36MB	16MB & 16MB	1MB & 1MB	1MB & 1MB
40MB	16MB & 16MB	4MB & 4MB	
42MB	16MB & 16MB	4MB & 4MB	1MB & 1MB
48MB	16MB & 16MB	8MB & 8MB	
64MB	16MB & 16MB	16MB & 16MB	
	32MB & 32MB		
66MB	16MB & 16MB	16MB & 16MB	1MB & 1MB
	32MB & 32MB	1MB & 1MB	

TOTAL MEMORY	BANK 0 (72-PIN x 2)	BANK 1 (72-PIN x 2)	BANK 2 (72-PIN x 2)
66MB	32MB & 32MB	1MB & 1MB	1MB & 1MB
72MB	16MB & 16MB	16MB & 16MB	4MB & 4MB
	32MB & 32MB	4MB & 4MB	
74MB	32MB & 32MB	4MB & 4MB	1MB & 1MB
80MB	32MB & 32MB	4MB & 4MB	4MB & 4MB
96MB	16MB & 16MB	16MB & 16MB	16MB & 16MB
	32MB & 32MB	16MB & 16MB	
98MB	32MB & 32MB	16MB & 16MB	1MB & 1MB
104MB	32MB & 32MB	16MB & 16MB	4MB & 4MB
	32MB & 32MB	16MB & 16MB	
128MB	32MB & 32MB	32MB & 32MB	32MB & 32MB
130MB	32MB & 32MB	32MB & 32MB	1MB & 1MB
136MB	32MB & 32MB	32MB & 32MB	4MB & 4MB
160MB	32MB & 32MB	32MB & 32MB	16MB & 16MB
192MB	32MB & 32MB	32MB & 32MB	32MB & 32MB

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