

Installing DRAM

SIMM Banks

The 486-VIP-IO can accommodate onboard memory from 1 to 64MB using SIMMs (Single-In-Line Memory Modules). The motherboard has four memory banks — Bank 0, 1, 2, 3. Each bank can accept either a 1MB, 4MB, or 16MB 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
3MB	1MB	1MB	1MB	1MB
	1MB	1MB	1MB	1MB
4MB	1MB	1MB	1MB	1MB
	4MB			
5MB	4MB	1MB		
	1MB	4MB		
	1MB		4MB	
	4MB		1MB	

Table 3-1. DRAM Configurations (Continued)

486-VIP-IO

TOTAL MEMORY	BANK 0 (72-PIN)	BANK 1 (72-PIN)	BANK 2 (72-PIN)	BANK 3 (72-PIN)
6MB	4MB	1MB	1MB	
	1MB	1MB	4MB	
7MB	1MB	4MB	1MB	1MB
	4MB	1MB	1MB	1MB
8MB	4MB	4MB	1MB	1MB
	1MB	4MB	4MB	4MB
9MB	4MB	1MB	4MB	4MB
	4MB	4MB	1MB	4MB
10MB	1MB	1MB	4MB	4MB
	4MB	4MB	1MB	1MB
12MB	4MB	4MB	4MB	4MB
	4MB	4MB	4MB	4MB
13MB	1MB	4MB	4MB	4MB
	4MB	1MB	4MB	4MB
16MB	4MB	4MB	4MB	4MB
	16MB			
17MB	16MB	1MB	16MB	
	1MB	16MB	16MB	
	1MB	16MB	1MB	
		1MB	16MB	

Table 3-1. DRAM Configurations (Continued)

486-VIP-IO