

Installing DRAM

SIMM Banks

The 486-GIO-VP can accommodate on-board memory from 1 to 96MB using SIMMs (Single-In-Line Memory Modules). The mainboard has three memory banks — Bank 0, 1, 2. Each bank can accept either a 256KB, 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 (30-PIN)	BANK 1 (72-PIN)	BANK 2 (72-PIN)
1MB	256K x 4	1M x 1	1M x 1
2MB	256K x 4	1M x 1	1M x 1
3MB	256K x 4	1M x 1	1M x 1
4MB	1M x 4	4M x 1	
5MB	256K x 4	4M x 1	
	256K x 4	4M x 1	
	1M x 4	1M x 1	4M x 1
	1M x 4	1M x 1	1M x 1
	1M x 1	4M x 1	4M x 1
	4M x 1	1M x 1	1M x 1

Table 3-1. DRAM Configurations (Continued)

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TOTAL MEMORY	BANK 0 (30-PIN)	BANK 1 (72-PIN)	BANK 2 (72-PIN)
6MB	256K x 4	4M x 1	1M x 1
	256K x 4	1M x 1	4M x 1
8MB	1M x 4	1M x 1	1M x 1
	1M x 4	4M x 1	
9MB	256K x 4	4M x 1	4M x 1
	1M x 4	1M x 1	4M x 1
12MB	1M x 4	4M x 1	1M x 1
	4M x 4	4M x 1	4M x 1
16MB		16M x 1	
	256K x 4	16M x 1	16M x 1
17MB	256K x 4	1M x 1	16M x 1
		16M x 1	1M x 1
18MB	4M x 4	1M x 1	1M x 1
	256K x 4	1M x 1	16M x 1
20MB	256K x 4	16M x 1	1M x 1
	1M x 4	16M x 1	
	1M x 4	4M x 1	16M x 1
	4M x 4	4M x 1	
	4M x 4	4M x 1	4M x 1
		4M x 1	16M x 1

Table 3-1. DRAM Configurations (Continued)

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