DISTRIBUTED PROCESSING TECHNOLOGY

PM2024, PM2024-MAC

Data bus:	32-bit PCI
Size:	Three-quarter length, full-height card
Hard drive supported:	Up to seven Fast SCSI-2 devices
Floppy drives supported:	None
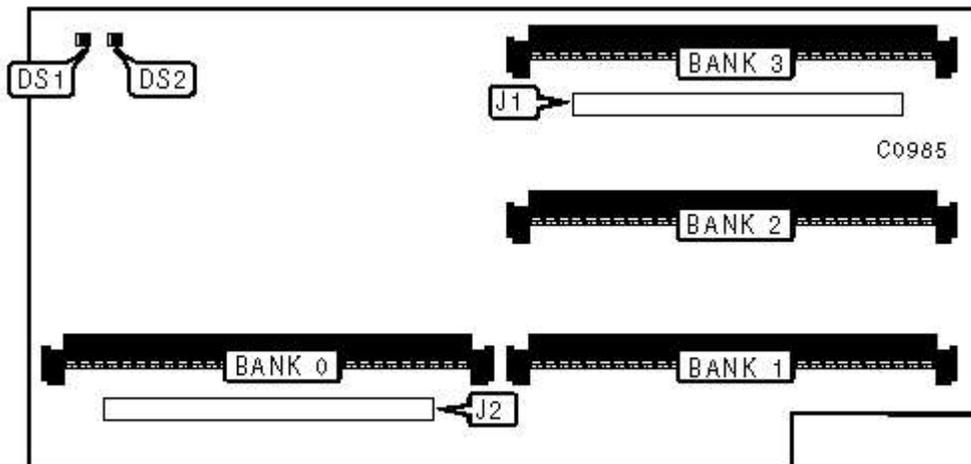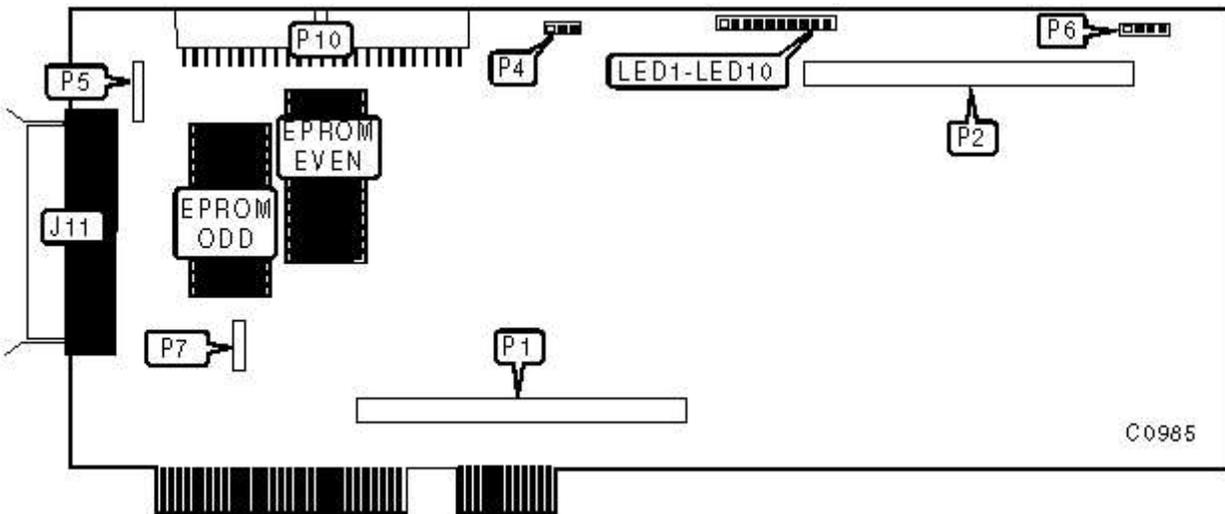
CM4000 Caching Module

CONNECTIONS (CM4000 CACHING MODULE)	
Function	**Location**

Fault LED (red)	DS1
ECC enabled LED (green)	DS2
Proprietary CM4000 connector - caching board to controller	J1
Proprietary CM4000 connector - caching board to controller	J2
50-pin SCSI connector - external	J11
Note: Proprietary connectors J1 and J2 are on the reverse side of the board.	

CONNECTIONS (CONTROLLER)	
Function	**Location**
Proprietary CM4000 connector - controller to caching board	P1
Proprietary CM4000 connector - controller to caching board	P2
3-pin connector - factory test LED	P4
4-pin connector - drive active LED	P6
Proprietary DM4000 (disk array module) connector	P5
Proprietary DM4000 (disk array module) connector	P7
50-pin SCSI connector - internal	P10
LED - adapter busy	LED1
LED - computer bus transfer to adapter	LED2
LED - computer bus transfer from adapter	LED3
LED - cache hit	LED4
LED - disk read/ahead active	LED5
LED - disk read	LED6
LED - disk write	LED7
LED - adapter reset	LED8
LED - interrupt to computer pending	LED9

LED - DRQ to computer asserted	LED10

CACHING MODULE DRAM CONFIGURATION				
Size	**Bank 0**	**Bank 1**	**Bank 2**	**Bank 3**
1MB	(1) 256K x 36	None	None	None
1MB	None	(1) 256K x 36	None	None
1MB	None	None	(1) 256K x 36	None
1MB	None	None	None	(1) 256K x 36
2MB	(1) 256K x 36	(1) 256K x 36	None	None
2MB	None	(1) 256K x 36	(1) 256K x 36	None
2MB	None	None	(1) 256K x 36	(1) 256K x 36
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
3MB	None	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
3MB	(1) 256K x 36	None	(1) 256K x 36	(1) 256K x 36
3MB	(1) 256K x 36	(1) 256K x 36	None	(1) 256K x 36
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 1M x 36	None	None	None
4MB	None	(1) 1M x 36	None	None
4MB	None	None	(1) 1M x 36	None
4MB	None	None	None	(1) 1M x 36
8MB	(1) 1M x 36	(1) 1M x 36	None	None
8MB	None	(1) 1M x 36	(1) 1M x 36	None
8MB	None	None	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
12MB	None	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36

12MB	(1) 1M x 36	None	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	None	(1) 1M x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	None	None	None
16MB	None	(1) 4M x 36	None	None
16MB	None	None	(1) 4M x 36	None
16MB	None	None	None	(1) 4M x 36
32MB	(1) 4M x 36	(1) 4M x 36	None	None
32MB	None	(1) 4M x 36	(1) 4M x 36	None
32MB	None	None	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
48MB	None	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	None	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	None	(1) 4M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

Notes: Although not shown above, 1MB, 4MB and 16MB SIMMs can be combined and DPT ECC SIMMs

can replace parity SIMMs of 4MB or 16MB.

Single sided SIMMs are preferred, but low-profile double sided 2MB and 8MB increments are

supported.