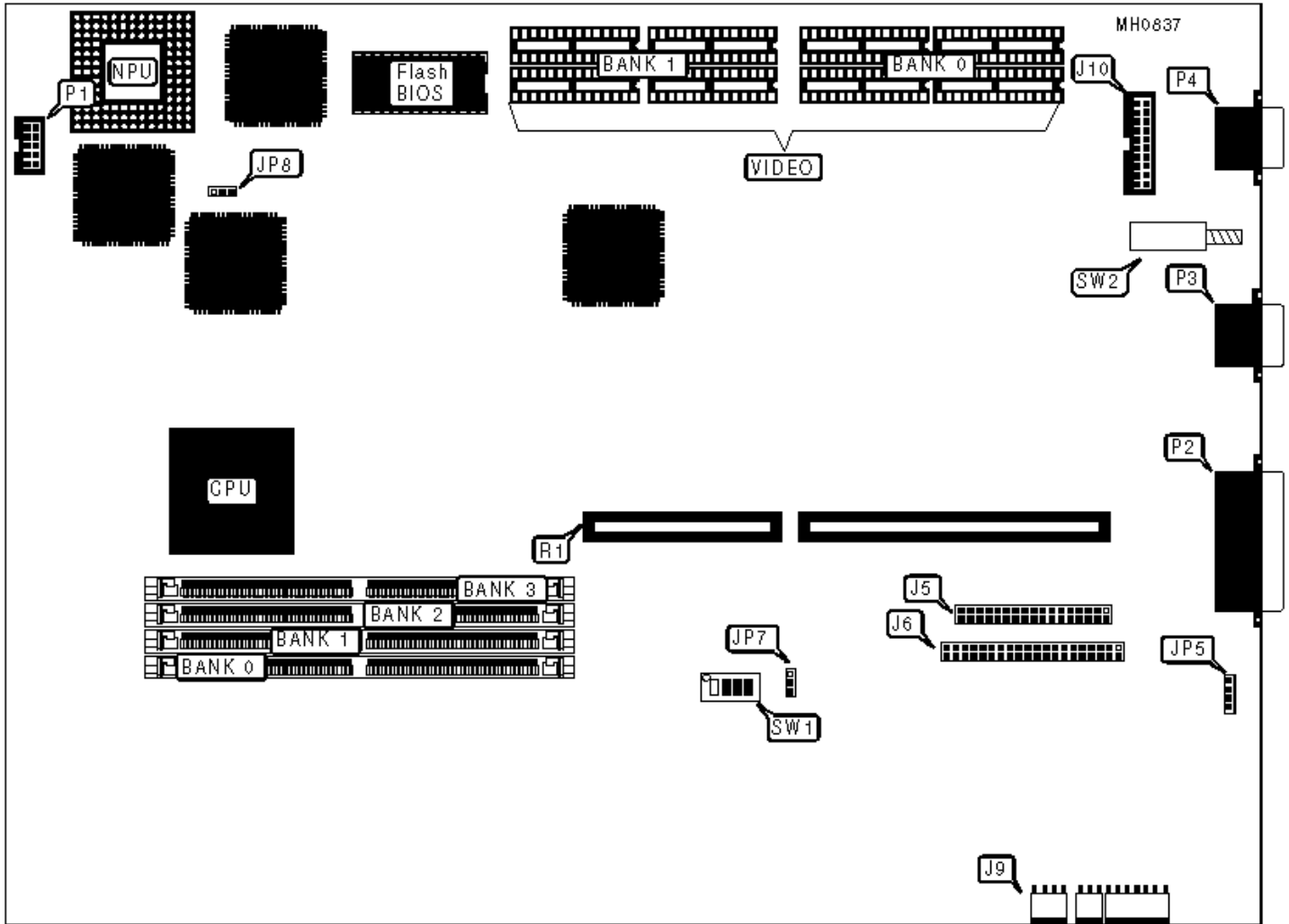


NEC TECHNOLOGIES, INC.

PowerMate

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Floppy drive interface	J5	External battery	JP5
IDE interface	J6	Indicator panel assembly	P1
Drive power	J9	Parallel port	P2
Proprietary VGA feature card	J10	Serial port	P3
Speaker (not used)	JP1	VGA port	P4
IDE interface LED (not used)	JP3	Riser Card	R1

Note: The bus mouse port, headphone jack, and microphone jack are connected to the main board via the indicator panel assembly connector (P1). Locations of JP1 and JP3 are unknown.

USER CONFIGURABLE SETTINGS

Function	Jumper/Switch	Position
» Parallel port (P2) interrupt select IRQ7	JP7	pins 2 & 3 closed
Parallel port (P2) interrupt select IRQ5	JP7	pins 1 & 2 closed
» NPU type select 3167	JP8	pins 2 & 3 closed
NPU type select 80387	JP8	pins 1 & 2 closed
» On board video enabled	SW1/1	Off
On board video disabled	SW1/1	On
» Floppy drive interface enabled	SW1/2	Off
Floppy drive interface disabled	SW1/2	On
» Password enabled	SW1/3	Off
Password disabled	SW1/3	On
» BIOS flash reprogramming enabled	SW1/4	Off
BIOS flash reprogramming disabled	SW1/4	On
» Factory configured - do not alter	SW2	Open

DRAM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
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
5MB	(1) 256K x 36	(1) 1M x 36	NONE	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	NONE
7MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
9MB	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
13MB	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
17MB	(1) 256K x 36	(1) 4M x 36	NONE	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	NONE
19MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
28MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
52MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

CACHE CONFIGURATION

Size	Bank 0
32KB	(4) 16K x 4
Note:Cache is factory installed and is not configurable.	

VIDEO MEMORY CONFIGURATION

Size	Bank 0	Bank 1
512KB	(4) 44256	NONE
1024KB	(4) 44256	(4) 44256