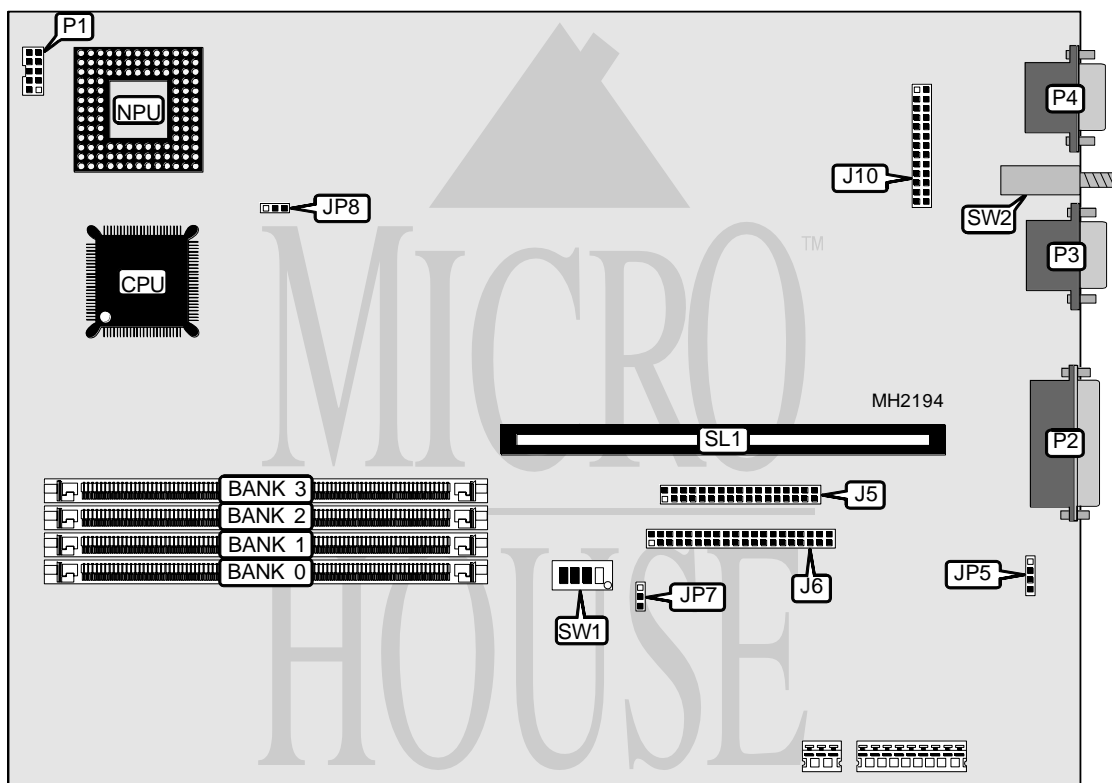


# NEC TECHNOLOGIES, INC.

## POWERMATE 386/331

<b>Processor</b>	80386DX
<b>Processor Speed</b>	33MHz
<b>Chip Set</b>	VLSI
<b>Max. Onboard DRAM</b>	64MB
<b>Cache</b>	32KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	Floppy drive interface, IDE interface, parallel port, serial port, VGA feature connector, VGA port
<b>NPU Options</b>	80387DX/3167



CONNECTIONS			
Purpose	Location	Purpose	Location
Floppy drive interface	J5	Parallel port	P2
IDE interface	J6	Serial port	P3
VGA feature connector	J10	VGA port	P4
External battery	JP5	Riser Card	SL1
Front panel connector	P1		

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# NEC TECHNOLOGIES, INC.

## POWERMATE 386/331

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Parallel port IRQ select IRQ7	JP7	pins 2 & 3 closed
Parallel port IRQ select IRQ5	JP7	pins 1 & 2 closed
í NPU type select Intel	JP8	pins 1 & 2 closed
NPU type select Weitek	JP8	pins 2 & 3 closed
í On board VGA enabled	SW1/1	Off
On board VGA disabled	SW1/1	On
í Floppy drive interface enabled	SW1/2	Off
Floppy drive interface disabled	SW1/2	On
í Password enabled	SW1/3	Off
Password disabled	SW1/3	On
í BIOS write protect enabled	SW1/4	On
BIOS write protect disabled	SW1/4	Off
í Factory configured - do not alter	SW2	Off

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) 1M x 36	(1) 256K x 36	NONE	NONE
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	NONE
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
9MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	NONE
10MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
13MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
17MB	(1) 4M x 36	(1) 256K x 36	NONE	NONE
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	NONE
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 1M x 36	NONE	NONE
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	NONE
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	NONE
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
52MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 1M 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) 8K x 8
Note: Bank 0 is factory installed and is not configurable. The location is unknown.	