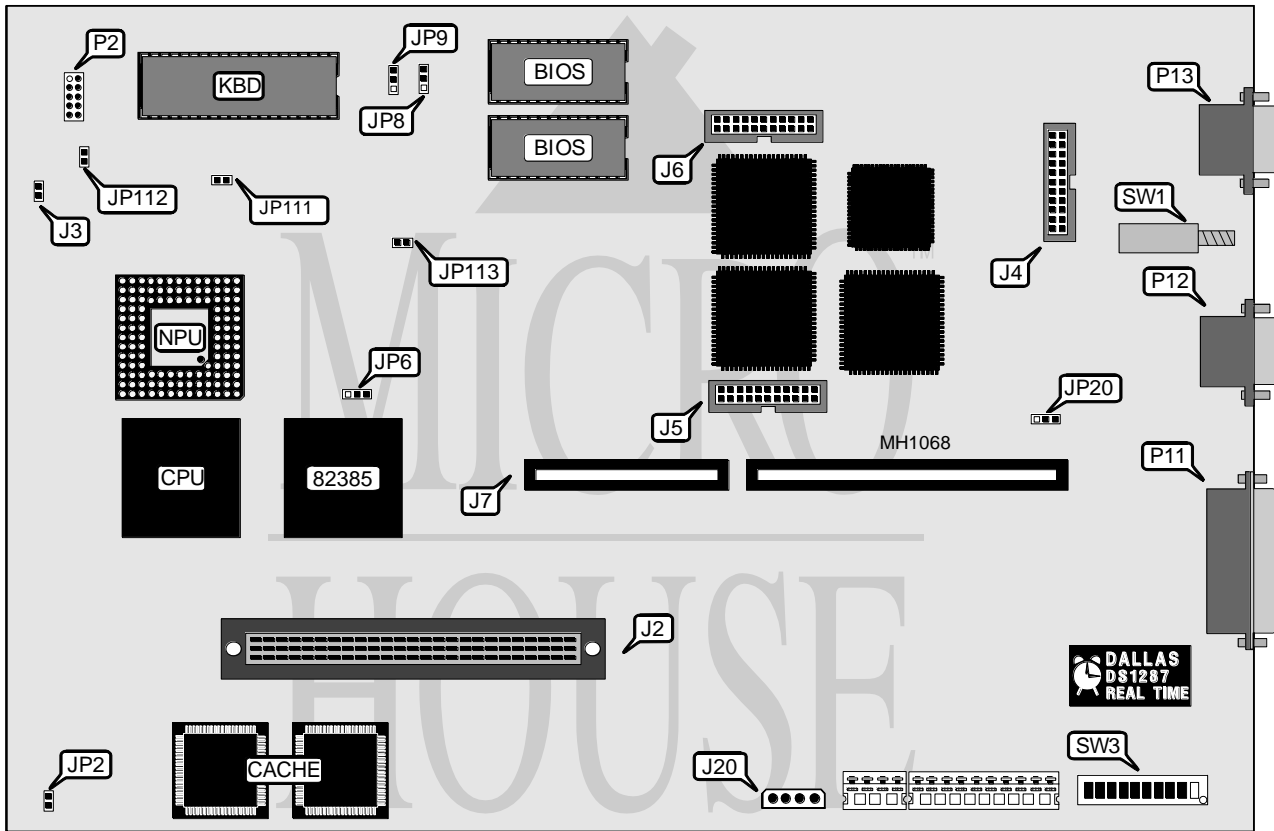


# NEC TECHNOLOGIES, INC.

## POWERMATE 386/25S

<b>Processor</b>	80386DX
<b>Processor Speed</b>	25MHz
<b>Chip Set</b>	Headland
<b>Max. Onboard DRAM</b>	16MB (on system memory card)
<b>Cache</b>	32KB
<b>Dimensions</b>	330.2mm x 218.4mm
<b>BIOS</b>	Phoenix
<b>I/O Options</b>	Keyboard/Bus mouse interface card socket, serial port, parallel port, VGA port, proprietary video card sockets, proprietary system memory card slot
<b>NPU Options</b>	80387/3167



CONNECTIONS			
Purpose	Location	Purpose	Location
Proprietary system memory card	J2	Keyboard/Bus mouse interface	P2
Speaker	J3	Parallel port	P11
Proprietary video card	J4, J5, & J6	Serial port	P12
Riser Card	J7	VGA port	P13
Drive power	J20		

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## POWERMATE 386/25S

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Cache enabled	JP2	Closed
Cache disabled	JP2	Open
í Keyboard gate select 8742/8042	JP8 & JP9	pins 1 & 2 closed
Keyboard gate select fast A20	JP8 & JP9	pins 2 & 3 closed
í Keyboard controller test disabled	JP111	Open
Keyboard controller test enabled	JP111	Closed
í Password enabled	JP112	Closed
Password disabled	JP112	Open
í Test mode disabled	SW1	Open
Test mode enabled	SW1	Closed
í Serial port enabled	SW3/switch 3	closed
Serial port disabled	SW3/switch 3	open
í Parallel port enabled	SW3/switch 5	closed
Parallel port disabled	SW3/switch 5	open
í Floppy drive interface enabled	SW3/switch 6	closed
Floppy drive interface disabled	SW3/switch 6	open
í Floppy drive I/O port select first	SW3/switch 7	open
Floppy drive I/O port select second	SW3/switch 7	closed
í Monitor type select monochrome	SW3/switch 8	open
Monitor type select color	SW3/switch 8	closed
í IDE interface disabled	SW3/switch 9	open
IDE interface enabled	SW3/switch 9	closed
í Bus mouse port disabled	SW3/switch 10	open
Bus mouse port enabled	SW3/switch 10	closed

CACHE CONFIGURATION	
Note:	32 KB cache is factory installed and is not configurable.

NPU CONFIGURATION		
Type	JP6	SW3/1
Disabled	pins 1 & 2 closed	Off
3167	pins 2 & 3 closed	Off
80387	pins 2 & 3 closed	On

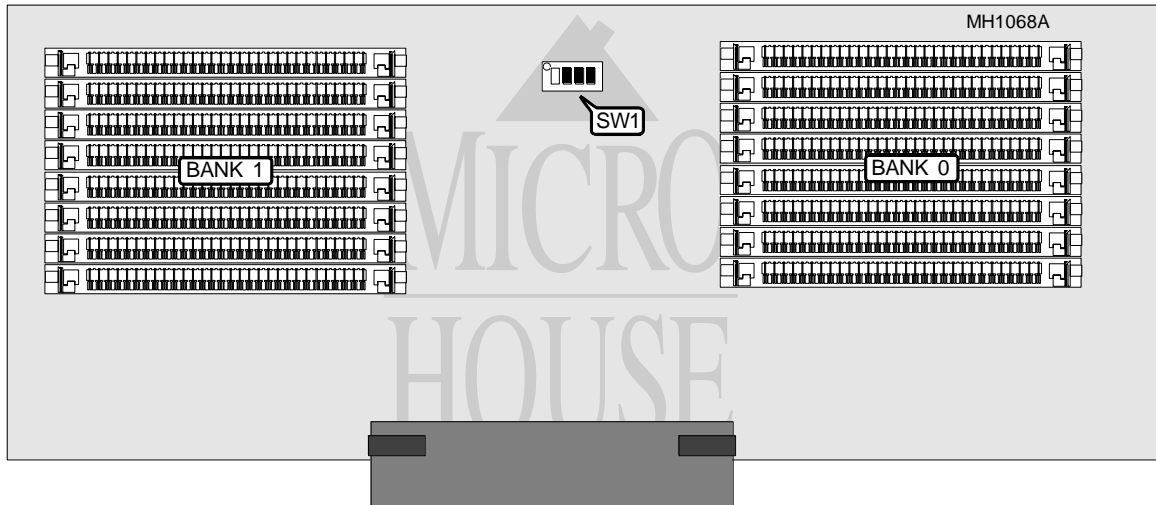
SERIAL PORT CONFIGURATION		
Setting	JP20	SW3/4
COM1/IRQ4	pins 2 & 3 closed	Off
COM2/IRQ3	pins 1 & 2 closed	On

VIDEO CARD CONFIGURATION		
Setting	JP113	SW3/2
Enabled	Open	On
Disabled	Closed	Off

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**NEC TECHNOLOGIES, INC.**  
**POWERMATE 386/25S**  
**SYSTEM MEMORY CARD**

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DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(8) 256K x 9	NONE
4MB	(8) 256K x 9	(8) 256K x 9
8MB	(8) 1M x 9	NONE
10MB	(8) 256K x 9	(8) 1M x 9
16MB	(8) 1M x 9	(8) 1M x 9

DRAM SWITCH CONFIGURATION				
Size	SW1/1	SW1/2	SW1/3	SW1/4
2MB	Off	Off	Off	Off
4MB	Off	Off	On	Off
8MB	Off	On	Off	Off
10MB	Off	On	On	Off
16MB	On	Off	Off	Off

Note: SW1/4 is not used.