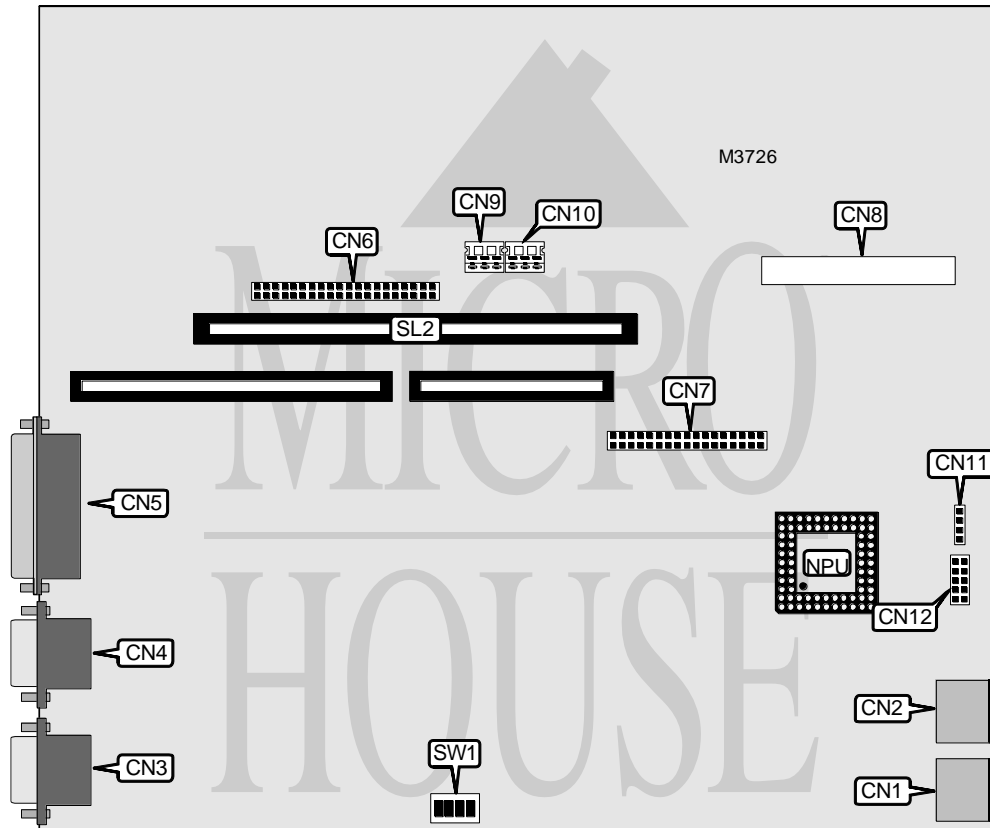


# NEC TECHNOLOGIES, INC. POWERMATE SX/16

<b>Processor</b>	80386SX
<b>Processor Speed</b>	16MHz
<b>Video Processor</b>	Unidentified
<b>Chipset</b>	NEC
<b>Maximum Onboard Memory</b>	10MB DRAM (8MB on memory card)
<b>Maximum Video Memory</b>	256KB DRAM (location unidentified)
<b>BIOS</b>	NEC
<b>Dimensions</b>	254 x 218mm
<b>I/O Options</b>	32-bit memory card slot, PS/2 mouse port, floppy drive interface, IDE interface, parallel port, serial port, VGA port
<b>NPU Options</b>	80387SX
<b>Video Types Supported</b>	VGA
<b>Highest Resolution Supported</b>	800 x 600



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**NEC TECHNOLOGIES, INC.**  
**POWERMATE SX/16**

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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	Unidentified	CN8
Keyboard connector	CN2	DC power out connector	CN9
VGA port	CN3	DC power out connector	CN10
Serial port	CN4	Speaker	CN11
Parallel port	CN5	Front panel connector	CN12
IDE interface	CN6	32-bit external memory card	SL2
Floppy drive interface	CN7		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
i On board video enabled	SW1/1	On
On board video disabled	SW1/1	Off
i Factory configured - do not alter	SW1/2	On
i Password normal operation	SW1/3	Off
Password clear	SW1/3	On
i Factory configured - do not alter	SW1/4	On

**DRAM CONFIGURATION**

There is 2MB of DRAM installed on the mainboard. This memory is not configurable.

**MISCELLANEOUS TECHNICAL NOTE**

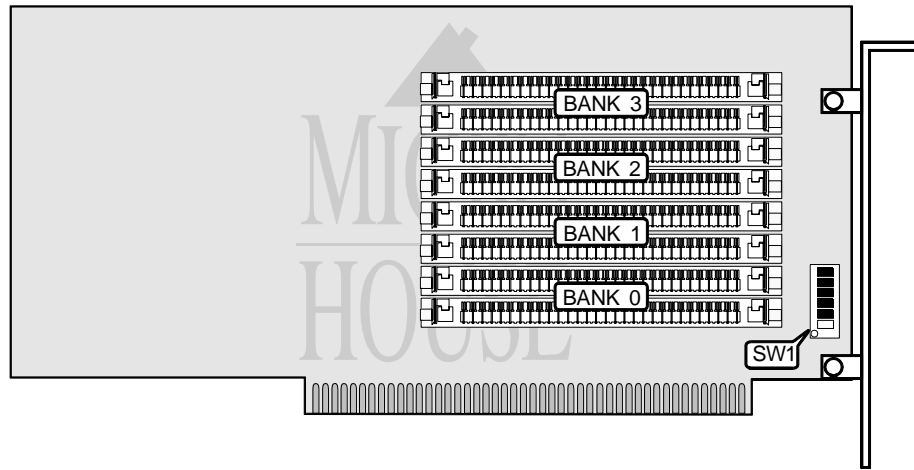
The location of the NPU socket may be different than pictured above on some versions of the board.

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# NEC TECHNOLOGIES, INC.

## POWERMATE SX/16 (MEMORY CARD)

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### USER CONFIGURABLE SETTINGS

Function	Label	Position
Factory configured - do not alter	SW1/5	Off
Factory configured - do not alter	SW1/6	Off

### DRAM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(2) 1M x 9	None	None	None
4MB	(2) 1M x 9	(2) 1M x 9	None	None
6MB	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9	None
8MB	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9

### DRAM SWITCH CONFIGURATION

Size	SW1/1	SW1/2	SW1/3	SW1/4
2MB	On	Off	Off	Off
4MB	On	On	Off	Off
6MB	On	On	On	Off
8MB	On	On	On	On