NEC TECHNOLOGIES, INC.
POWERMATE IMAGE 486SX/25I, 486/33I

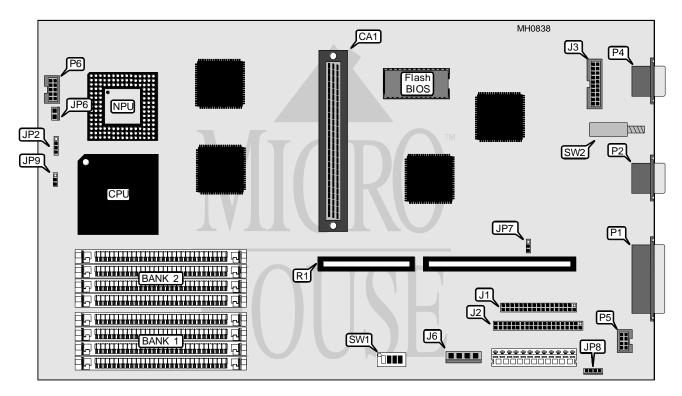|	
Processor	80486SX/80486DX
Processor Speed	25/33MHz
Chip Set	OPTI
Max. Onboard DRAM	36MB
Cache	64/128KB (on optional cache module)
BIOS	NEC (Flash EEPROM)
Dimensions	330mm x 218mm
I/O Options	Bus mouse port, floppy drive interface, headphone jack, IDE interface, microphone jack, parallel port, proprietary cache module socket, proprietary VGA feature card socket, serial ports (2), VGA port
NPU Options	4167

CONNECTIONS			
Purpose	Location	Purpose	Location
Proprietary cache module	CA1	External battery	JP8
Floppy drive interface	J1	Parallel port	P1
IDE interface	J2	Serial port 1	P2
Proprietary VGA feature card	J3	VGA port	P4
Drive power	J6	Serial port 2 (optional)	P5
IDE interface LED (not used)	JP2	Indicator panel assembly	P6
Speaker (not used)	JP6	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 (P6).			

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Parallel port (P1) interrupt select IRQ7	JP7	pins 2 & 3 closed
Parallel port (P1) interrupt select IRQ5	JP7	pins 1 & 2 closed
í	JP9	pins 1 & 2 closed
CPU type select 80486DX/33MHz	JP9	pins 2 & 3 closed
í On board video enabled	SW1/1	Off
On board video 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 flash reprogramming enabled	SW1/4	Off
BIOS flash reprogramming disabled	SW1/4	On
í Factory configured - do not alter	SW2	Open

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
4MB	4MB	NONE	NONE
8MB	4MB	(4) 1M x 9	NONE
12MB	4MB	(4) 1M x 9	(4) 1M x 9
20MB	4MB	(4) 4M x 9	NONE
24MB	4MB	(4) 1M x 9	(4) 4M x 9
36MB	4MB	(4) 4M x 9	(4) 4M x 9
Note: Bank 0 is factory installed and is not configurable. The location of bank 0 is unidentified.			