NEC TECHNOLOGIES, INC.
POWERMATE IMAGE SX/16I, SX/20VI

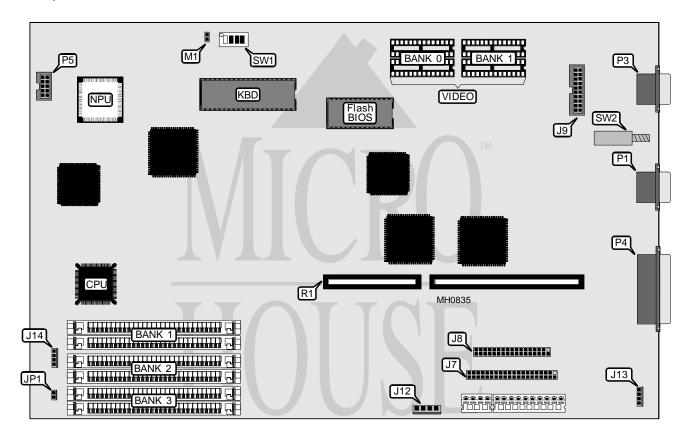|	
Processor	80386SX
Processor Speed	16/20MHz
Chip Set	WD
Max. Onboard DRAM	26MB
Cache	None
Dimensions	330mm x 218mm
BIOS	NEC (Flash EEPROM)
I/O Options	Bus mouse port, floppy drive interface, headphone jack, IDE interface, microphone jack, parallel port, proprietary VGA feature card socket, serial port, VGA port
NPU Options	80387SX

CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface	J7	Speaker (not used)	JP1
Floppy drive interface	J8	Serial port	P1
Proprietary VGA feature card	J9	VGA port	P3
Drive power	J12	Parallel port	P4
External battery	J13	Indicator panel assembly	P5
IDE interface LED (not used)	J14	Riser Card	R1
Note: The bus mouse port, headphone jack, and microphone jack are connected to the mainboard via the indicator panel assembly connector (P5).			

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Manufacturing reset jumper	M1	N/A
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	Off

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	2MB	NONE	NONE	NONE
4MB	2MB	(2) 1M x 9	NONE	NONE
6MB	2MB	(2) 1M x 9	(2) 1M x 9	NONE
8MB	2MB	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9
10MB	2MB	(2) 4M x 9	NONE	NONE
12MB	2MB	(2) 1M x 9	(2) 4M x 9	NONE
14MB	2MB	(2) 1M x 9	(2) 1M x 9	(2) 4M x 9
18MB	2MB	(2) 4M x 9	(2) 4M x 9	NONE
20MB	2MB	(2) 1M x 9	(2) 4M x 9	(2) 4M x 9
26MB	2MB	(2) 4M x 9	(2) 4M x 9	(2) 4M x 9
Note: Bank 0 is factory installed and is not configurable. The 16MB setting disables Bank 0. Settings above 16MB require the NEC EMS driver.				

VIDEO MEMORY CONFIGURATION		
Size	Bank 0	Bank 1
256KB	(2) 44256	NONE
512KB	(2) 44256	(2) 44256