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E R I - L A N 3 8 6 S E

Processor	80386SX
Processor Speed	16/20/25MHz
Chip Set	Symphony
Max. Onboard DRAM	16MB
Cache	None
BIOS	AMI
Dimensions	254mm x 230mm
I/O Options	Bus mouse port, ethernet port (3), floppy drive interface, IDE interface, parallel port, serial ports (2)
NPU Options	80387SX

MH1139
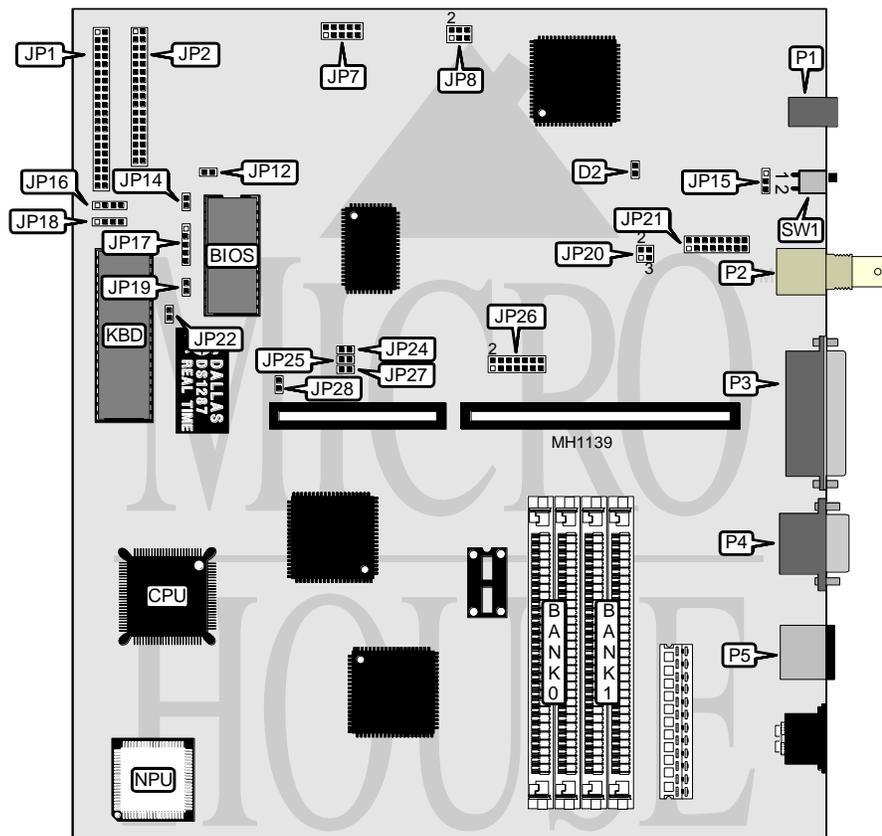
CONNECTIONS			
Purpose	Location	Purpose	Location
Link LED	D2	Speaker	JP18
IDE hard disk interface	JP1	Reset switch	JP19
Floppy disk interface	JP2	Ethernet 10Base5	JP21
Serial port 2	JP7	Ethernet 10BaseT	P1
Turbo LED	JP12	Ethernet 10Base2	P2
Turbo switch	JP14	Parallel port	P3
IDE interface LED	JP16	Serial port 1	P4
Power LED & keylock	JP17	Bus mouse	P5

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Monitor type select color	JP22	Closed
Monitor type select monochrome	JP22	Open
í Serial port COM1 interrupt IRQ4 enabled	JP24	Closed
Serial port COM1 interrupt IRQ4 disabled	JP24	Open
í Serial port COM2 interrupt IRQ3 enabled	JP27	Closed
Serial port COM2 interrupt IRQ3 disabled	JP27	Open
í Parallel port select LPT1 interrupt IRQ7	JP25	Closed
Parallel port disabled	JP25	Open
í Mouse port select interrupt IRQ12 enabled	JP28	Closed
Mouse port select interrupt IRQ12 disabled	JP28	Open
í Ethernet type select 10BaseT (RJ45)	SW1	1
Ethernet type select 10Base2 (BNC)	SW1	2
Ethernet type select 10Base5 (AUI)	SW1	N/A

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
512KB	(2) 256K x 9	NONE
1MB	(2) 256K x 9	(2) 256K x 9
2MB	(2) 1M x 9	NONE
4MB	(2) 1M x 9	(2) 1M x 9
8MB	(2) 4M x 9	NONE
10MB	(2) 4M x 9	(2) 1M x 9
16MB	(2) 4M x 9	(2) 4M x 9

REMOTE BOOT ROM CONFIGURATION		
Setting	JP15	JP20
í Disabled	pins 1 & 2 closed	N/A
C8OOOH-C9FFFH	pins 2 & 3 closed	pins 1 & 2 and 3 & 4 closed
CCOOOH-CDFFFH	pins 2 & 3 closed	pins 1 & 2 closed
D8OOOH-D9FFFH	pins 2 & 3 closed	pins 3 & 4 closed
DCOOOH-DDFFFH	pins 2 & 3 closed	open

ETHERNET CONTROLLER I/O ADDRESS CONFIGURATION	
I/O Address	JP8
300H	open
320H	pins 1 & 2, 3 & 4, 5 & 6 closed
330H	pins 1 & 2, 3 & 4 closed
340H	pins 1 & 2, 5 & 6 closed
350H	pins 1 & 2 closed
í 360H	pins 5 & 6 closed
380H	pins 3 & 4, 5 & 6 closed

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ETHERNET INTERRUPT CONFIGURATION	
Interrupt	JP26
IRQ3	pins 1 & 2 closed
IRQ5	pins 3 & 4 closed
IRQ9	pins 5 & 6 closed
IRQ10	pins 7 & 8 closed
IRQ11	pins 9 & 10 closed
IRQ12	pins 11 & 12 closed
IRQ15	pins 13 & 14 closed