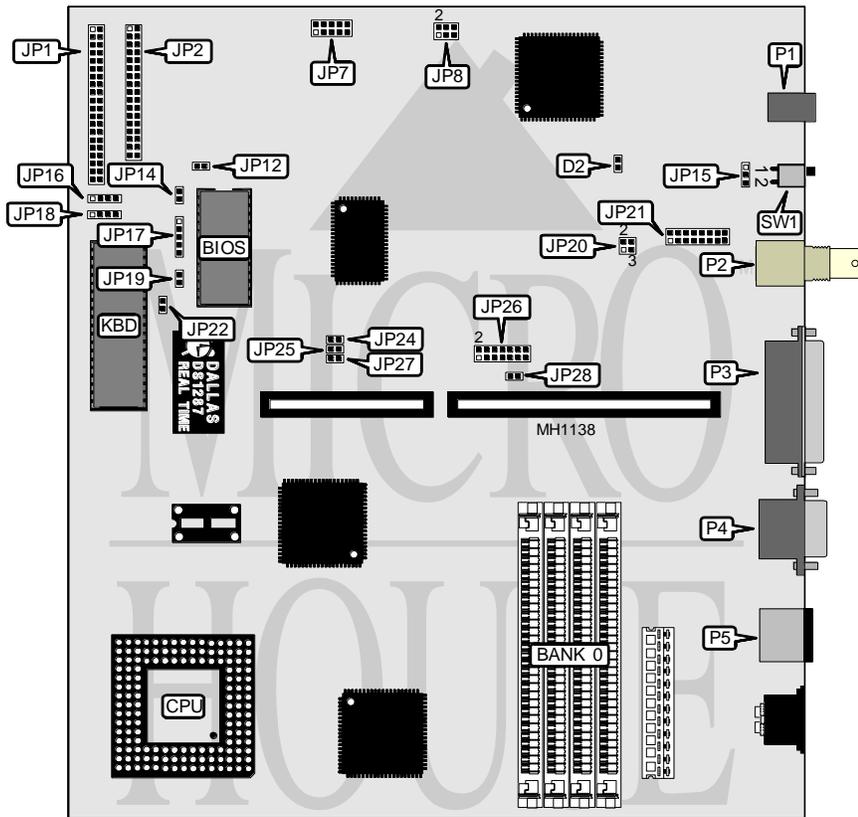


# EMPAC RESEARCH INTERNATIONAL ERI-LAN486E

<b>Processor</b>	80486SX/80486DX
<b>Processor Speed</b>	25/33/50/50(internal)MHz
<b>Chip Set</b>	Symphony
<b>Max. Onboard DRAM</b>	16MB
<b>Cache</b>	None
<b>BIOS</b>	AMI
<b>Dimensions</b>	254mm x 230mm
<b>I/O Options</b>	Bus mouse port, ethernet ports (3), floppy drive interface, IDE interface, parallel port, serial ports (2)
<b>NPU Options</b>	None



### CONNECTIONS

Purpose	Location	Purpose	Location
Link LED	D2	Speaker	JP18
IDE hard disk interface	JP1	Reset switch	JP19
Floppy disk interface	JP2	Ethernet 10Base5 (AUI)	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

Continued on next page . . .

# EMPAC RESEARCH INTERNATIONAL

## ERI-LAN486E

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Monitor type select color	JP22	closed
Monitor type select monochrome	JP22	open
í Serial port 1 interrupt IRQ4 enabled	JP24	closed
Serial port 1 interrupt IRQ4 disabled	JP24	open
í Serial port 2 interrupt IRQ3 enabled	JP25	closed
Serial port 2 interrupt IRQ3 disabled	JP25	open
í Parallel port select LPT1 interrupt IRQ7	JP27	closed
Parallel port disabled	JP27	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
1MB	(4) 256K x 9
4MB	(4) 1M x 9
16MB	(4) 4M x 9

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

REMOTE BOOT ROM CONFIGURATION		
Setting	JP15	JP26
í Disabled	pins 1 & 2 closed	N/A
C8000H-C9FFFH	pins 2 & 3 closed	pins 1 & 2 and 3 & 4 closed
CC000H-CDFFFH	pins 2 & 3 closed	pins 1 & 2 closed
D8000H-D9FFFH	pins 2 & 3 closed	pins 3 & 4 closed
DC000H-DDFFFH	pins 2 & 3 closed	open

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