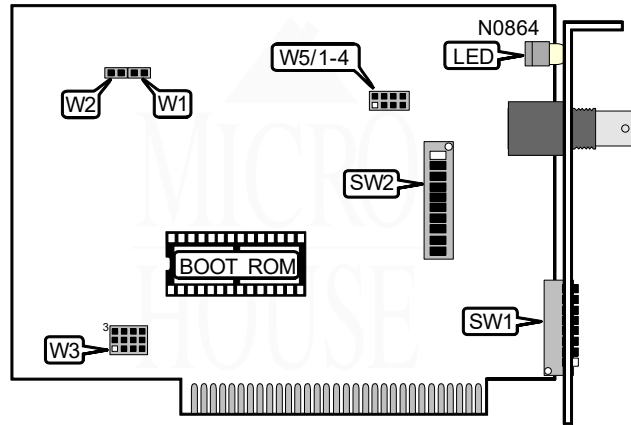


## Chapter 5: Jumper Settings

### EDIMAX COMPUTER COMPANY

#### A L - 2 3 5 0

**NIC Type** Arcnet  
**Transfer Rate** 2.5Mbps  
**Data Bus** 8-bit ISA  
**Topology** Linear bus  
**Wiring Type** RG-62A/U 93ohm coaxial  
**Boot ROM** Available



NODE ADDRESS SELECTION								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
1	Off	On	On	On	On	On	On	On
2	On	Off	On	On	On	On	On	On
3	Off	Off	On	On	On	On	On	On
4	On	On	Off	On	On	On	On	On
5	Off	On	Off	On	On	On	On	On
251	Off	Off	On	Off	Off	Off	Off	Off
252	On	On	Off	Off	Off	Off	Off	Off
253	Off	On	Off	Off	Off	Off	Off	Off
254	On	Off	Off	Off	Off	Off	Off	Off
255	Off	Off	Off	Off	Off	Off	Off	Off

Note: A total of 255 node address settings are available. The switches are a binary representation of the decimal node addresses. Switch SW1/1 is the Least Significant Bit and switch SW1/8 is the Most Significant Bit. The switches have the following decimal values: jumper SW1/1=1, SW1/2=2, SW1/4=8, SW1/5=16, SW1/6=32, SW1/7=64, SW1/8=128. Open the switches and add the values of the off switches to obtain the correct node address. (On=0, Off=1)

TOPOLOGY				
Topology	W5/1	W5/2	W5/3	W5/4
Linear bus	Closed	Open	Open	Open

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BASE I/O ADDRESS SELECTION						
Address	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
12E0h	Off	On	Off	Off	Off	On
2F0h	Off	On	Off	Off	Off	Off
300h	Off	Off	On	On	On	On
200h	Off	On	On	On	On	On
210h	Off	On	On	On	On	Off
220h	Off	On	On	On	Off	On
230h	Off	On	On	On	Off	Off
240h	Off	On	On	Off	On	On
3B0h	Off	Off	Off	On	Off	Off
3C0h	Off	Off	Off	Off	On	On
3D0h	Off	Off	Off	Off	On	Off
3E0h	Off	Off	Off	Off	Off	On
3F0h	Off	Off	Off	Off	Off	Off

Note: Addresses from 0h to 3F0h are possible, but those below 200h are not normally used. The sum of SW1/1 and SW1/2 represent the first digit. The sum of SW1/3-6 represent the second digit. The last digit is always zero. SW1/1=200h, SW1/2=100h, SW1/3=80h, SW1/4=40h, SW1/5=20h, SW1/6=10h.

INTERRUPT SELECTION	
IRQ	W3
1 Com 9026 INTR set to IRQ 2	1 Pins 1-2 closed
Com 9026 INTR set to IRQ 3	Pins 2-5 closed
Com 9026 INTR set to IRQ 4	Pins 8-9 closed
Com 9026 INTR set to IRQ 5	Pins 7-8 closed
Com 9026 INTR set to IRQ 7	Pins 8-11 closed
8253 Timeout 1 set to IRQ2	Pins 3-6 closed
8253 Timeout 0 set to IRQ3	Pins 5-6 closed
8253 Timeout 0 set to IRQ4	Pins 6-9 closed
8253 Timeout 0 set to IRQ5	Pins 7-10 closed
8253 Timeout 0 set to IRQ7	Pins 10-11 closed
8253 Timeout 0 set to IRQ2	Pins 1-4 closed
8253 Timeout 0 set to IRQ3	Pins 4-5 closed
8253 Timeout 0 set to IRQ4	Pins 9-12 closed
8253 Timeout 0 set to IRQ5	Pins 4-7 closed
8253 Timeout 0 set to IRQ7	Pins 11-12 closed

RESPONSE/RECONFIGURATION		
Time	W1	W2
1 74.7 $\mu$ Sec/840 mSec	Open	Open
383.4 $\mu$ Sec/1680 mSec	Closed	Open
561.8 $\mu$ Sec/1680 mSec	Open	Closed
11118.6 $\mu$ Sec/1680 mSec	Closed	Closed

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BASE MEMORY ADDRESS SELECTION				
Address	SW2/7	SW2/8	SW2/9	SW2/10
í D000h	Off	Off	On	On
0000h	On	On	On	On
1000h	On	On	On	Off
2000h	On	On	Off	On
3000h	On	On	Off	Off
4000h	On	Off	On	On
5000h	On	Off	On	Off
B000h	Off	On	Off	Off
C000h	Off	Off	On	On
E000h	Off	Off	Off	On
F000h	Off	Off	Off	Off

DIAGNOSTIC LED(S)	
Status	Condition
On	Network connection is good
Off	Network connection is broken
Blinking	Data is being transmitted/received