



The Retro Web  
Standard Microsystem  
ETHERNET 3016  
Network Interface



# The Retro Web Standard Microsystem ETHERNET 3016 Network Interface Card Instructions

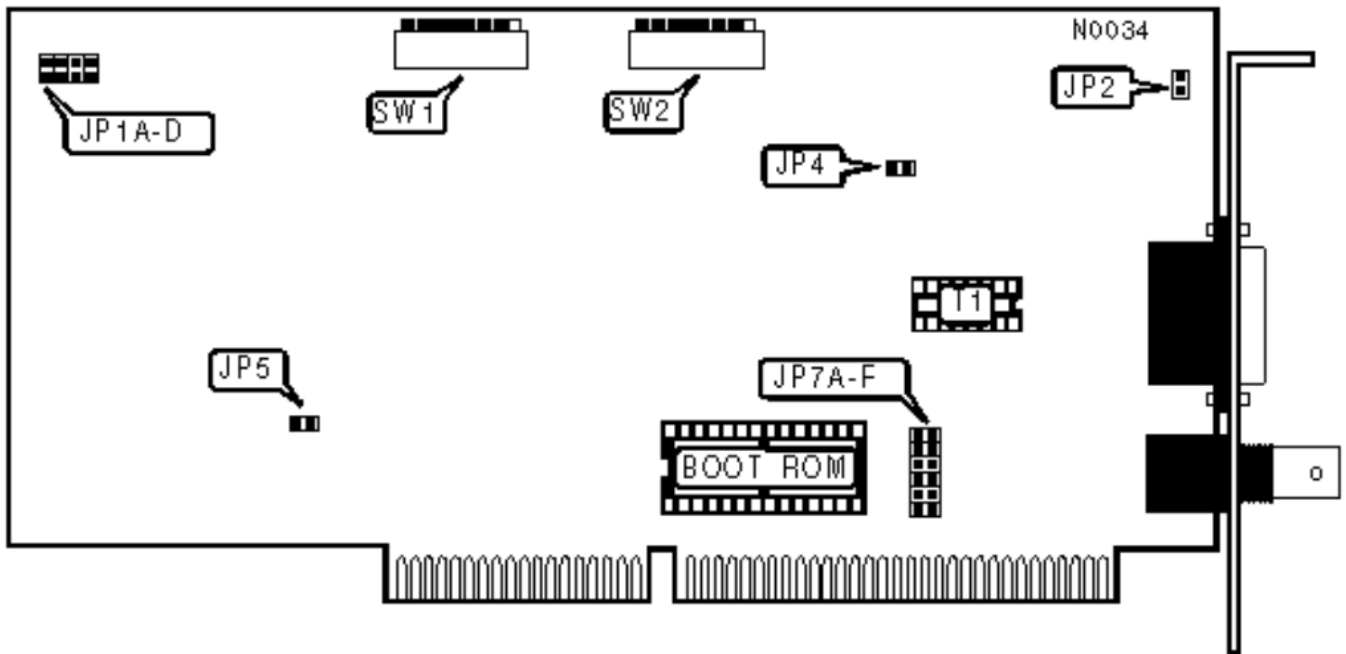
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**Standard Microsystem ETHERNET 3016 Network Interface Card**



## Specifications

- NIC Type: Ethernet 3016
- Transfer Rate: 10Mbps
- Data Bus: 16-bit ISA
- Topology: Linear Bus
- Wiring Type: RG-58A/U 50ohm coaxial
- Boot ROM: Available

## Product Usage Instructions

### Jumper Settings:

Refer to the jumper settings on SW1 and SW2 for configuring the NIC:

- SW1/1: On, On, Off, On, Off, On, Off, On, Off, Off, On, Off, On, Off, On, Off
- SW1/2: On, On, On, Off, Off, On, On, Off, Off, On, Off, Off, v On, On, Off, Off

### Boot ROM Address:

Configure the Boot ROM address using SW2/1 – SW2/8: SW2/1: On, On, Off, On, Off, Off, On, Off

### Data Bus Size:

Set the data bus size using jumper settings JP1A-D: JP1A: Open, Closed

### Pulse Transformer T1:

Ensure to check if Pulse Transformer T1 is installed as per JP5 setting. JP5: Closed (installed), Open (not installed)

### FAQ:

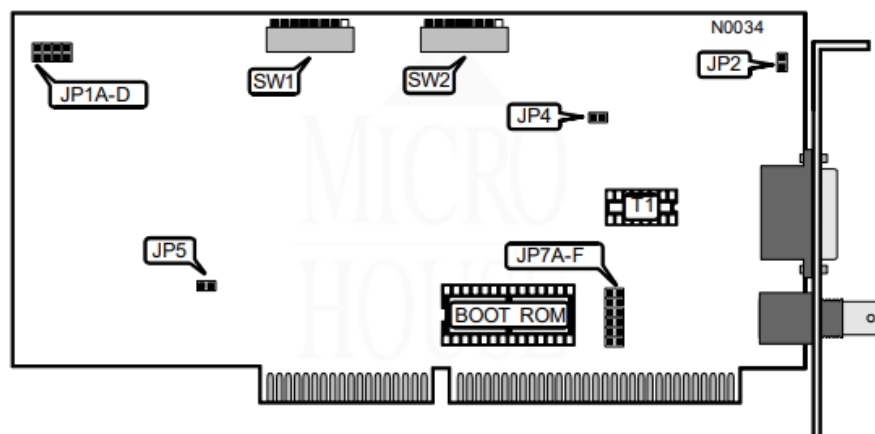
#### Q: How do I know if the Boot ROM is enabled?

A: Check the jumper settings on SW1/8. If it is set to 'On', the Boot ROM is enabled.

## THE NETWORK INTERFACE CARD TECHNICAL GUIDE

STANDARD MICROSYSTEMS CORPORATION E T H E R N E T 3 0 1 6

- NIC Type Ethernet
- Transfer Rate 10Mbps
- Data Bus 16-bit ISA
- Topology Linear Bus
- Wiring Type RG-58A/U 50ohm coaxial
- AUI transceiver via DB-15 port
- **Boot ROM** Available



I/O BASE ADDRESS							
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7
i300h	On	On	On	Off	Off	On	On
200h	On	On	On	On	Off	On	On
220h	Off	On	On	On	Off	On	On
240h	On	Off	On	On	Off	On	On
260h	Off	Off	On	On	Off	On	On
280h	On	On	Off	On	Off	On	On
2A0h	Off	On	Off	On	Off	On	On
2C0h	On	Off	Off	On	Off	On	On
2E0h	Off	Off	Off	On	Off	On	On
320h	Off	On	On	Off	Off	On	On
340h	On	Off	On	Off	Off	On	On
360h	Off	Off	On	Off	Off	On	On
380h	On	On	Off	Off	Off	On	On
3A0h	Off	On	Off	Off	Off	On	On
3C0h	On	Off	Off	Off	Off	On	On
3E0h	Off	Off	Off	Off	Off	On	On

BOOT ROM		
Setting	SW1/8	
Disabled	Off	
Enabled	On	


BOOT ROM ADDRESS							
Address	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6	
0000h	On	On	Off	On	Off	Off	
C000h	On	On	On	On	Off	Off	
C400h	Off	On	On	On	Off	Off	
C800h	On	Off	On	On	Off	Off	
CC00h	Off	Off	On	On	Off	Off	
D400h	Off	On	Off	On	Off	Off	
D800h	On	Off	Off	On	Off	Off	
DC00h	Off	Off	Off	On	Off	Off	
E000h	On	On	On	Off	Off	Off	
E400h	Off	On	On	Off	Off	Off	
E800h	On	Off	On	Off	Off	Off	
EC00h	Off	Off	On	Off	Off	Off	

DATA BUS SIZE								
Size	JP1A	JP1B	JP1C	JP1D	JP5	SW2/7	SW2/8	
16-bit	Open	Open	Closed	Closed	Closed	Off	On	
8-bit	Closed	Closed	Open	Open	Open	On	On	

CABLE TYPE				
Type	JP2	JP4	Pulse Transformer T1	
RG-58A/U 50ohm coaxial	Open		Open	installed
AUI transceiver via DB-15 port	Open		Closed	not installed

INTERRUPT REQUEST						
IRQ	JP7A	JP7B	JP7C	JP7D	JP7E	JP7F
i3	Closed	Open	Open	Open	Open	Open
4	Open	Closed	Open	Open	Open	Open
5	Open	Open	Closed	Open	Open	Open
7	Open	Open	Open	Closed	Open	Open
9	Open	Open	Open	Open	Closed	Open
10	Open	Open	Open	Open	Open	Closed

## Documents / Resources

	<p><a href="#">The Retro Web Standard Microsystem ETHERNET 3016 Network Interface Card</a> [pdf] Instructions</p> <p>40034, Standard Microsystem ETHERNET 3016 Network Interface Card, Standard Microsystem Card, ETHERNET 3016 Network Interface Card, ETHERNET 3016, Card, ETHERNET 3016 Card, Network Interface Card</p>
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## References

- [User Manual](#)

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