Manuals+ — User Manuals Simplified.
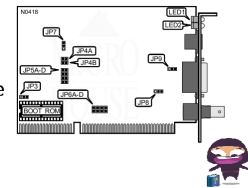
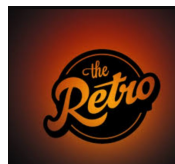The Retro Web XI321TCN
XINETRON Network Interface

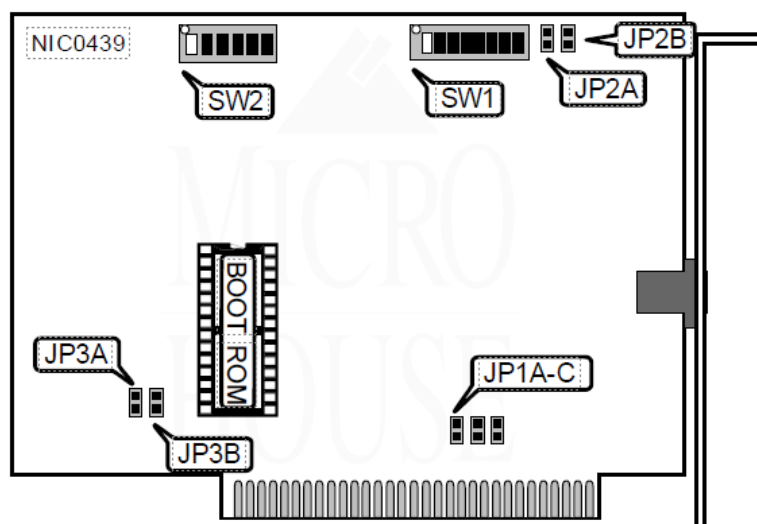# The Retro Web D-LINK D8611 Network Adapter Instructions

Contents

The Retro Web D-LINK D8611 Network Adapter

Specifications

- NIC Type: D-Link Network, Proprietary

- Transfer Rate: 1Mbps
- Data Bus: 8-bit ISA
- Toplogy: Linear bus
- Wiring Type: Unshielded twisted pair
- Boot ROM: Available

Product Usage Instructions

Node Address Configuration
To configure the node address, use the provided switches as follows:

- Switch 1=128, 2=64, 3=32, 4=16, 5=8, 6=4, 7=2, 8=1
- Turn off the switches corresponding to the desired node address and add their values to obtain the correct node address (On=0, Off=1)

Jumper Settings
Configure the interrupt request (IRQ) and onboard terminator using the provided jumpers as follows:

- IRQ settings: Try IRQ5, IRQ3, or IRQ4 in that order for PC/AT compatibility
- Onboard Terminator: Use onboard terminator if card is at either end of a linear bus network segment

Boot ROM Address and Settings
Set the boot ROM address and other settings using the provided jumpers and switches as specified in the manual.

DMA Channel and I/O Base Address
Configure DMA channel and I/O base address using the provided switches accordingly.

Factory Configured Settings:
These settings are unused and can be left as factory configured.

Frequently Asked Questions (FAQ)

- **Q: How do I know which node address to set?**

  A: Refer to the table provided in the manual to determine the correct node address based on the switch settings.
- **Q: What IRQ settings should I use for PC/AT compatibility?**

  A: Try IRQ5, IRQ3, or IRQ4 in that order when configuring the interrupt request.
- **Q: When should I use the onboard terminator?**

  A: Use the onboard terminator if the card is located at either end of a linear bus network segment.
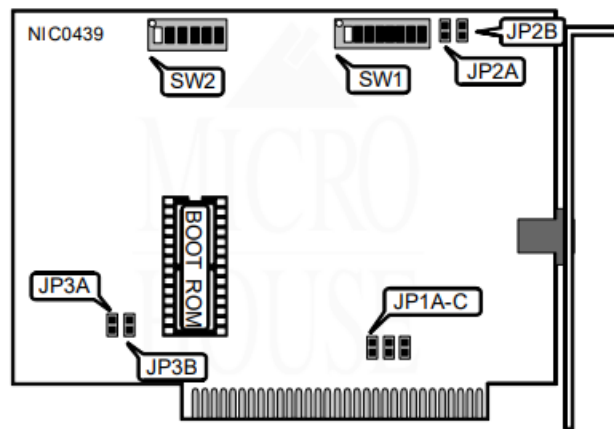
THE NETWORK INTERFACE CARD TECHNICAL GUIDE
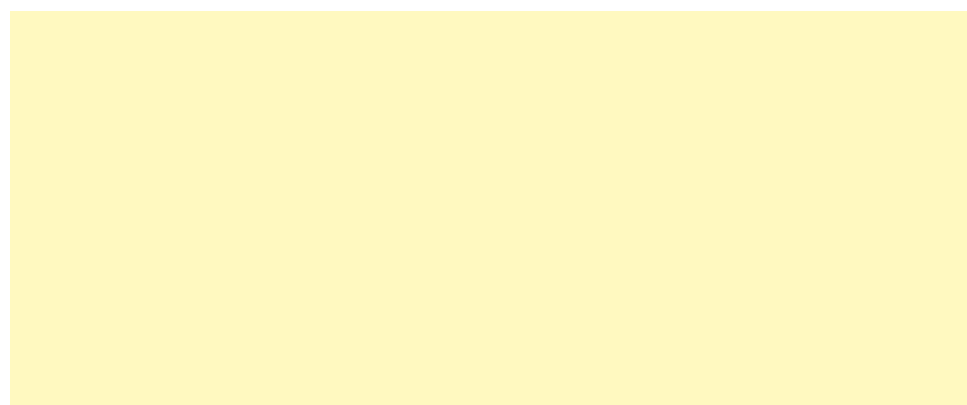
D-LINK
NETWORK ADAPTER (P/N D8611)

- NIC Type D-Link Network, Proprietary
- Transfer Rate 1Mbps

- Data Bus 8-bit ISA
- Topology Linear bus
- Wiring Type Unshielded twisted pair
- Boot ROM Available

Node	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
								NODE ADDRESS
0	On	On	On	On	On	On	On	On
1	On	On	On	On	On	On	On	Off
2	On	On	On	On	On	On	Off	On
3	On	On	On	On	On	On	Off	Off
4	On	On	On	On	On	Off	On	On
251	Off	Off	Off	Off	Off	On	Off	Off
252	Off	Off	Off	Off	Off	Off	On	On
253	Off	Off	Off	Off	Off	Off	On	Off
254	Off	Off	Off	Off	Off	Off	Off	On
255	–	–	–	–	–	–	–	–

Notes: Node address 0 is used for messaging between nodes and must not be used.

decimal node ches have the ches and add

A total of 255 node address settings are available. The switches are a binary representation of the addresses. Switch 1 is the Least Significant Bit and switch 8 is the Most Significant Bit. The swit following decimal values: switch 1=128, 2=64, 3=32, 4=16, 5=8, 6=4, 7=2, 8=1. Turn off the swit the values of the off switches to obtain the correct node address.
(On=0, Off=1)

INTERRUPT REQUEST

IRQ	JP1A	JP1B	JP1C	SW2/1
í2	N/A	N/A	N/A	Off
3	Closed	Open	Open	On
4	Open	Closed	Open	On
5	Open	Open	Closed	On

Note: If the card is installed in a PC/AT compatible the IRQ should be IRQ5, IRQ3, or IRQ4. You should try the interrupts in that order.

ONBOARD TERMINATOR

Setting	JP2A	JP2B
íDisabled	Open	Closed
Enabled	Closed	Open

Note: If the card is on either end of a linear bus network segment, the onboard terminator may be used instead of using an external terminator.

BOOT ROM ADDRESS

Address	Software Parameter	JP3A	JP3B
íCC000 – CFFFFh	HC	Open	Closed
DC000 – DFFFFh	HD	Closed	Open

Note: The software parameter is used in the DEVICE= statement in the CONFIG.SYS file (e.g. DEVICE = D- LINK.DRV /HC).

DMA CHANNEL

Channel	SW2/2
íDMA1	Off
DMA3	On

I/O BASE ADDRESS		
Address	SW2/3	SW2/4
240h	Off	On
260h	Off	Off
340h	On	On
í360h	On	Off

BOOT ROM	
Setting	SW2/6
íDisabled	Open
Enabled	Closed

FACTORY	CONFIGURED	SETTINGS
Switch		Setting
SW2/5	Unused	

Documents / Resources

The Retro Web D-LINK D8611 Network Adapter [pdf] Instructions
D8611, NIC C0439, D-LINK D8611 Network Adapter, D-LINK D8611, D-LINK, D8611, D-LINK Network Adapter, D8611 Network Adapter, Network Adapter, Network, Adapter

References

- **User Manual**