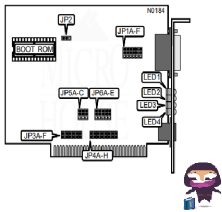**Manuals+** — User Manuals Simplified.

The Retro Web
DE-100TP D-LINK
Network Interface

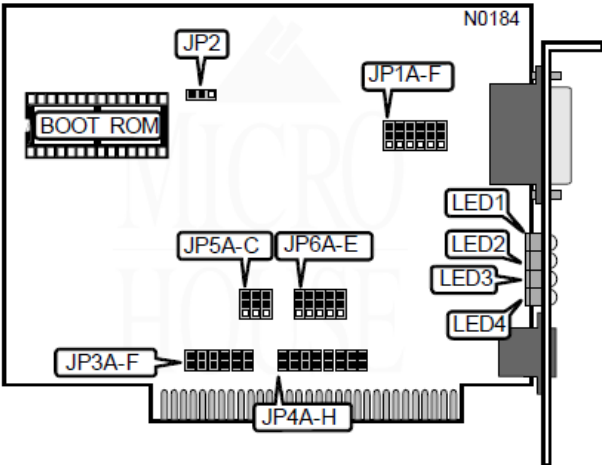# The Retro Web DE-100TP D-LINK Network Interface Card Owner's Manual

Contents

The Retro Web DE-100TP D-LINK Network Interface Card

Specifications

- NIC Type: D-LINK DE-100TP
- Transfer Rate: Ethernet 10Mbps
- Data Bus: 8-bit ISA
- Topology: Linear Bus
- Wiring Type: Shielded/Unshielded twisted pair AUI transceiver via DB-15 port
- Boot ROM: Available

Product Usage Instructions:

Jumper Settings
Make sure to set the jumpers according to the specified configurations for proper functionality.
Boot ROM Setting
Configure the Boot ROM settings by closing or opening the specified pins as indicated in the manual.

Diagnostic LEDs

- **LED1:** Status On – Power is on
- **LED1:** Blinking On – Data is being transmitted
- **LED2:** Blinking On – Data is being received
- **LED3:** On – Network connection is good
- **LED4:** Off – No collisions detected on the network

I/O Base Address Configuration:
Set the I/O base address by positioning the pins as specified in the manual for the desired address.

FAQ:

1. **What should I do if the diagnostic LED indicates a collision on the network?**

   If a collision is detected, check for any network issues or interference. Ensure proper cable connections and network stability.

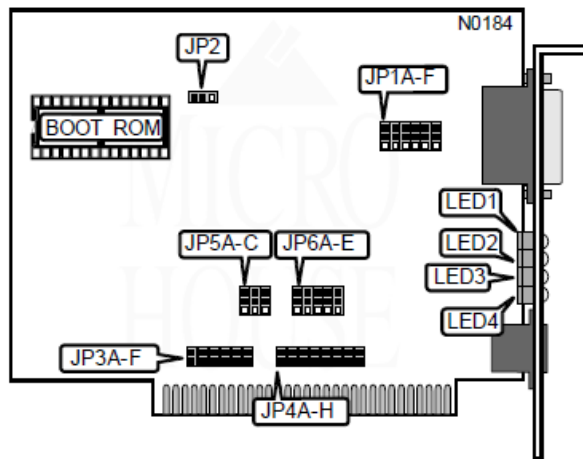2. **How can I verify if data is being transmitted successfully?**

   Monitor the LED indicators; if LED1 is blinking, it indicates data transmission. Additionally, check for any error messages on your connected devices.

THE NETWORK INTERFACE CARD TECHNICAL GUIDE
D-LINK
DE-100TP for PC/XT/AT

- NIC Type Ethernet
- Transfer Rate 10Mbps
- Data Bus 8-bit ISA
- Topology Linear Bus
- Wiring Type Shielded/Unshielded twisted paiAUI transceiver via DB-15 port
- Boot ROM Available

BOOT ROM ADDRESS			
Address	JP5A	JP5B	JP5C
C0000h	Pins 1 & 2 Closed	Pins 1 & 2 Closed	Pins 1 & 2 Closed
C4000h	Pins 2 & 3 Closed	Pins 1 & 2 Closed	Pins 1 & 2 Closed
C8000h	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 1 & 2 Closed
CC000h	Pins 2 & 3 Closed	Pins 2 & 3 Closed	Pins 1 & 2 Closed
íD0000h	Pins 1 & 2 Closed	Pins 1 & 2 Closed	Pins 2 & 3 Closed
D4000h	Pins 2 & 3 Closed	Pins 1 & 2 Closed	Pins 2 & 3 Closed
D8000h	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed
DC000h	Pins 2 & 3 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed

CABLE TYPE	
Type	JP1A – JP1F
íShielded/Unshielded twisted pair	Pins 1 & 2 Closed
AUI Transceiver via DB-15 port	Pins 2 & 3 Closed

INTERRUPT REQUEST

IRQ	JP3A	JP3B	JP3C	JP3D	JP3E	JP3F
2	Closed	Open	Open	Open	Open	Open
í3	Open	Closed	Open	Open	Open	Open
4	Open	Open	Closed	Open	Open	Open
5	Open	Open	Open	Closed	Open	Open
6	Open	Open	Open	Open	Closed	Open
7	Open	Open	Open	Open	Open	Closed

BOOT	ROM	SETTING
Setting		JP2
íDisabled		Pins 1 & 2 Closed
Enabled		Pins 2 & 3 Closed

DMA

DMA	JP4A & JP4E	JP4B & JP4F	JP4C & JP4G	JP4D & JPH
íDisabled	Open	Open	Open	Closed
1	Closed	Open	Closed	Open
2	Open	Closed	Open	Closed
3	Open	Open	Closed	Open

BOOT ROM ADDRESS

Address	JP5A	JP5B	JP5C
C0000h	Pins 1 & 2 Closed	Pins 1 & 2 Closed	Pins 1 & 2 Closed
C4000h	Pins 2 & 3 Closed	Pins 1 & 2 Closed	Pins 1 & 2 Closed
C8000h	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 1 & 2 Closed
CC000h	Pins 2 & 3 Closed	Pins 2 & 3 Closed	Pins 1 & 2 Closed
íD0000h	Pins 1 & 2 Closed	Pins 1 & 2 Closed	Pins 2 & 3 Closed
D4000h	Pins 2 & 3 Closed	Pins 1 & 2 Closed	Pins 2 & 3 Closed

D8000h	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed

Pins 2 & 3 Closed

BOOT ROM ADDRESS			
Address	JP5A	JP5B	JP5C
C0000h	Pins 1 & 2 Closed	Pins 1 & 2 Closed	Pins 1&2 Closed
C4000h	Pins 2 & 3 Closed	Pins 1 & 2 Closed	Pins 1&2 Closed
C8000h	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 1&2 Closed

DC000h	Pins 2 & 3 Closed	Pins 2 & 3 Closed	CC000h	Pins 2 & 3 Closed	Pins 2 & 3 Closed	Pins 1 & 2 Closed
			íD0000h	Pins 1 & 2 Closed	Pins 1 & 2 Closed	Pins 2 & 3 Closed
			D40000h	Pins 2 & 3 Closed	Pins 1 & 2 Closed	Pins 2 & 3 Closed
			D80000h	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed
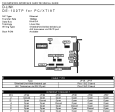
				DC000h	Pins 2 & 3 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed

DIAGNOSTIC LED(S)		
LED	Status	Condition
LED1	On	Power is on
LED1	Blinking	Data is being transmitted
LED2	On	Network connection is good
LED2	Blinking	Data is being received
LED3	On	Collision detected on the network
LED3	Off	No collisions detected on the network
LED4	Off	Normal operation
LED4	On	Transmission interrupted due to abnormally long data stream output

I/O BASE ADDRESS						
Address	JP6A	JP6B		JP6C	JP6D	JP6E
100h		Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
120h		Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
140h		Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
160h		Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
180h		Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
1A0h		Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
1C0h		Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
1E0h		Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
200h		Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
220h		Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
240h		Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
260h		Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
280h		Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
2A0h		Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
2C0h		Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
2E0h		Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
í300h		Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
320h		Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
340h		Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
360h		Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
380h		Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
3A0h		Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
3C0h		Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
3E0h		Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3

Note: Pins designated should be in the closed position.

Documents / Resources

The Retro Web DE-100TP D-LINK Network Interface Card [pdf] Owner's Manual
PC, XT, AT, DE-100TP D-LINK Network Interface Card, DE-100TP D-LINK, DE-100TP, D-LINK, DE-100TP Network Interface Card, D-LINK Network Interface Card, Network Interface Card, Card, Network Card, Interface Card

References

- [**User Manual**](#)