

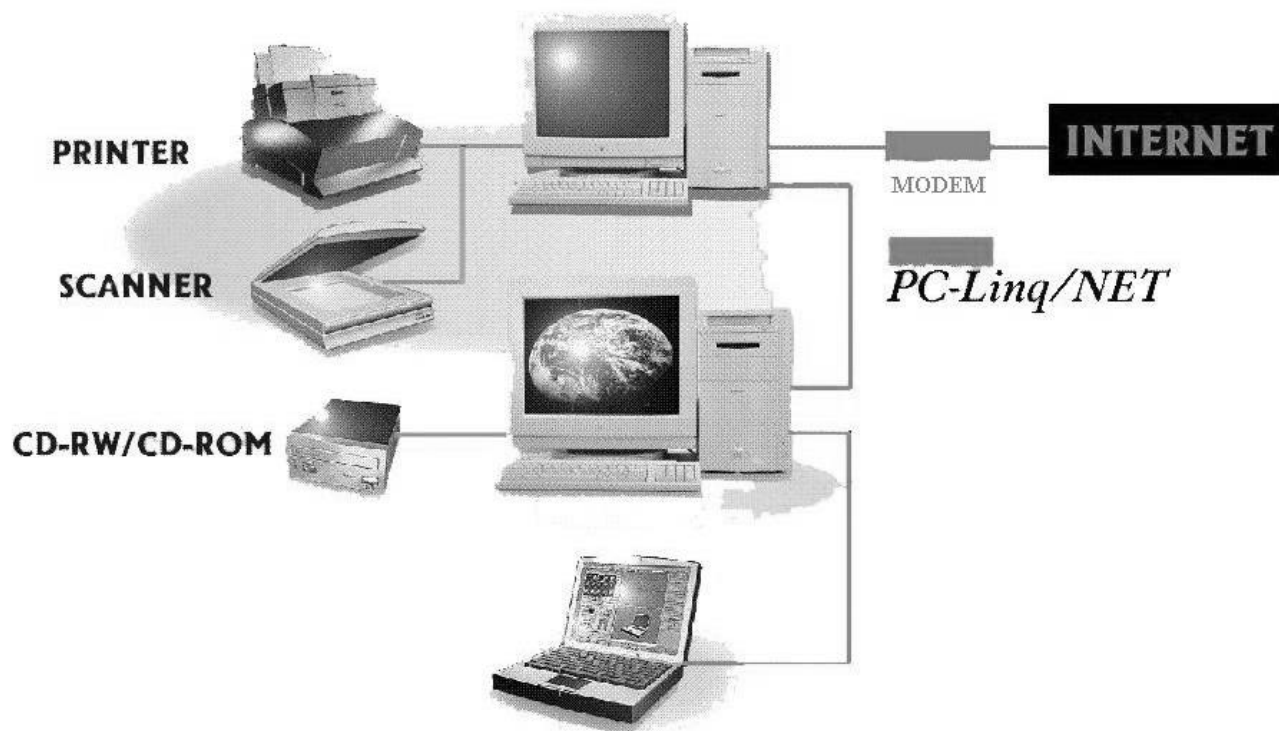
# **PL-2302 USB-USB Network Bridge Driver**

## **Test Report**

**Driver Version : Rev 1.6.0.0**

**Chip Version : PL-2302 H**

**Date : February 8, 2001**





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## **1.Overview**


The USB-USB Network Bridge provides a quick and easy solution to construct a network via USB port instead of any Network Interface Card. It is suitable for small offices, home offices, mobile users, and network gamers.

With the USB-USB Network Bridge, users can share files, printers, peripheral equipment, and more.

## **2.Features**

- USB host to host communication
- Standard Windows Explorer user interface
- Maximum Data transfer rate: Over 5 Mbps.
- Construct USB Network up to 17 PCs
- Support TCP/IP, NetBEUI, IPX/SPX protocols
- Full NDIS driver implementation
- Single cable solution for network communication
- No external power needed
- USB full speed connection
- PnP for easy use
- Support power management
- Suitable for SOHO and mobile network environment.
- Compliant with USB specification version 1.1

## **3.System Required**

- Intel 486DX4-100 CPU or higher
- One standard 4-pins USB port (with the symbol )
- Windows 98、Windows ME、Windows 2000

## **4.Installation Features**

### **4.1 USB Host & NIC Driver**

USB host-host bridge driver  
USB NIC driver  
USB Ethernet Bridge driver

### **4.2 Network Protocol**

NetBEUI  
TCP/IP

### **4.3 Network Service**

Files and Printer Sharing

### **4.4 Client Service**

Client for Microsoft Network  
Windows Family Logon

### **4.5 Auto Install Driver On Windows 98、Windows ME、Windows 2000**

## 5. Functional Test

### 5.1 Network Communication

Function	Result
Network neighborhood	Pass
Find computer name	Pass
Ping Network computer	Pass

### 5.2 Resource Sharing

Function	Result
File sharing	Pass
CD-ROM sharing	Pass
Printer sharing	Pass
Internet sharing	Pass
Ethernet Resource sharing	Pass

### 5.3 File Transfer

Function	Result
One-way file transfer	Pass
Bi-directional file transfer	Pass

### 5.4 Open and Printing Files

Function	Result
Open files from remote computer	Pass
Print files to remote printer	Pass
Print files from remote computer	Pass

### 5.5 Remote Installation and Execution

Function	Result
Installation from remote CD-ROM	Pass
Installation from remote computer	Pass
Remote play Video	Pass
Remote play Audio	Pass

### 5.6 Network Gaming

Function	Result
Heart	Pass
Age of Empire	Pass
Viper Racing	Pass
NBA Live 99	Pass
Monster Truck	Pass
Diablo	Pass
Hero III	Pass
Warcraft	Pass

## 5.7 Ethernet/Internet Bridge

Function	Result
Access Ethernet Resource	Pass
Internet Access	Pass
Modem Sharing	Pass

## 5.8 Performance

	Result
USB LAN to USB LAN (Copy 100M file)	
TCP/IP	3.77Mbps
NetBEUI	3.48Mbps
USB LAN to Ethernet (Copy 100M file)	
USB to Ethernet (TCP/IP)	3.39Mbps
Ethernet to USB (TCP/IP)	4.17Mbps
USB to Ethernet (NetBEUI)	3.25Mbps
Ethernet to USB (NetBEUI)	3.72Mbps

## 6. Reliability

### 6.1 Large File Transfer

Function	Result
100MB folder transfer	Pass
500MB file transfer	Pass
1.0GB folder transfer	Pass

### 6.2 Long Time Transfer

	Result
Copy/Compare/Delete files for 24hours	Pass
2PCs on USB LAN	Pass
USB to Ethernet	Pass
Ethernet to USB	Pass
Ping Gateway from USB LAN	Pass

### 6.3 Plug-and-Play

Function	Result
Unplug then plug cable in 5 times	Pass
Restart system with cable plug in	Pass
Restart system with cable unplug then plug	Pass