:	************************************	****	**
1.	Attention	page	02
2.	Indicate light and switching button		
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3.	USB2.0 Data-Link		
3.1. 3.2. 3.3.	 Running the Setup Program	page page page	04 09 12
4.	Bridge-Network		
4.1. 4.2. 4.3.	 Running the Setup	page page page	14 19 12
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6.	Q&A	page	43
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:	**	*****	***

Attention :

Please do not Click "file Change Device Mode" otherwise hardware change function will be lost . Please refer to page 45~47 retrieve EEPROM.

Indicate light and switching button



- 1. Power Light : Show Green Light . When you Link Cable ,as Power ON/OFF
- 2. Switching Button Mode : Press Down is USB2.0 Data-Link function mode UP is Bridge-Network function mode
- 3. Action Light : Flash Yellow light .When It's working as data linking or bridge networking .

• Hardware Change Device Mode

1. From your computer plug out the PCLinq2 Hi-Speed USB Bridge-Data/Network Cable. (it's the status of the disconnect.)



2. Hardware button Press Down is USB2.0 Data-Link function mode

UP is Bridge-Network function mode



 Now locate the USB port of your computer and plug in the PCLinq2 Hi-Speed USB Bridge-Data/Network Cable.



USB2.0 Data Link

Introduction

Congratulations on your purchase of PCLinq2 Hi-Speed USB Bridge Cable! PCLinq2 is your Hi-Speed USB 2.0 solution to peer-to-peer network file sharing via the USB port. The PCLinq2 cable provides true plug-n-play capability while transferring files at greater speed than traditional USB or other legacy port file transfer products. Hi-Speed USB 2.0 solutions offer up to 40 times the speed compared to normal full-speed USB 1.1 products.

PCLinq2 also provides a File Transfer program that is similar to Windows Program Manager so you can easily drag-and-drop files or create folders in your local computer or in the linked remote PC. Just plug in the cable, run the PCLinq2 program and instantly transfer or copy files at high speed.

The PCLinq2 Hi-Speed USB Bridge Cable is highly suitable for mobile computer use and SOHO environment.

Features & Specifications

- > Easy File Sharing and Data Transfer between 2 or 3 PCs via USB port
- Suitable for Mobile PC and SOHO environment
- Single chip ASIC Hi-Speed USB host to host communication
- > Dual data buffer supports two-way data transfer
- > Hi-Speed Performance with data transfer rate of over 15Mbytes/sec
- > Full Compliance with the Universal Serial Bus Specification v1.1 and v2.0
- > Bus Powered from either USB port- no separate power required
- Advanced Power Management Mechanism includes Suspend-Resume and Remote Wake-up Functions

System Requirements

- Windows 98SE, ME, 2000, XP or above
- > Intel Pentium 133MHz or better based computer
- > One standard USB 1.1 or USB 2.0 (recommended) port
- PCLinq2 Hi-Speed USB Bridge-Network Cable
- PCLinq2 Hi-Speed USB Bridge-Network Cable Setup Program

Running the Setup Program

Before you plug-in and use the PCLinq2 Hi-Speed USB Cable for the first time in your computer, you first have to run the SETUP InstallShield program to preload the drivers and programs into your computer. This step is necessary in order for you to use the USB Bridge Cable properly under Windows operating system.

The following steps will show how to install the PCLinq2 Hi-Speed USB Bridge Cable under Windows XP. If you are using other Windows OS versions, the installation is also the same but the look of the dialogue boxes may be a bit different. This Setup program only supports Windows 98SE, ME, 2000, and XP.

 Power on your computer and boot to Windows. Load Driver CD and run the SETUP.EXE executable program file. The Setup program will then start to prepare the InstallShield Wizard that will guide you through the rest of the setup process.



2. The InstallShield Wizard welcome dialog box will then appear to display some information regarding the Setup program. Follow the instructions and click Next to continue.



Wait until Setup has finished installing the PCLinq2 Hi-Speed USB Bridge-Network Cable Driver. When it prompts you that installation is complete, click **Finish** to end.

InstallShield Wizard	
	InstallShield Wizard Complete Setup has finished installing Hi-Speed USB Bridge-Network Cable on your computer.
	KBack Finish Cancel

3. After installation is complete, click on the Program Files and check if the PCLinq2 Hi-Speed USB Bridge-Network Cable program folder was created. For Windows XP and 2000, there are two programs provided: ANSI mode and Unicode mode. For Windows 98 and ME, only the ANSI mode is provided. Check also your Desktop screen if there are shortcuts created for the PCLinq2 programs.



 Now locate the USB port of your computer and plug in the PCLinq2 Hi-Speed USB Bridge-Network Cable. If your computer has a Hi-Speed USB 2.0 port, plug the cable into this port. The USB port usually has the imprinted symbol.

Note: If you plug the cable on a non-Hi-Speed USB port, Windows will show an alert message telling you that it is plugged into a non-Hi-Speed USB hub. You can still continue to use the PCLinq2 USB bridge cable but it will run at a reduced speed. Windows will recommend you to add a Hi-Speed USB host controller to your computer to obtain maximum performance.



 Wait till Windows detects the Hi-Speed USB Bridge Cable and prompts you for the device driver location. If prompted, select to install the software automatically (Recommended) and click Next to continue.

Found New Hardware Wiz	ard
	Welcome to the Found New Hardware Wizard
	This wizard helps you install software for:
	Hi-Speed USB Bridge Cable
	if your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do?
	 Install the software automatically (Recommended) Install from a list or gpecific location (Advanced)
	Click Next to continue.
	< Back Next > Cancel

 Windows will then detect the preloaded driver. Before Windows installs the driver, it may prompt you that this device driver (Hi-Speed USB Bridge Cable) has not yet passed Windows XP Logo compatibility. Click Continue Anyway.



7. Windows will then start to install the driver for the USB-USB Bridge Cable2.0 Once installation is complete, Windows will prompt you that it has finished. Click **Finish** to continue.



 You can also verify the driver installation under Device Manager. Right-click on My Computer. Then click Hardware-Device Manager. Click on Universal Serial Bus controllers and check if there is the Hi-Speed USB Bridge Cable.



Running the PCLinq2 Program

The PCLinq2 Hi-Speed USB Bridge Cable allows you to easily link two computers by plugging each end of the cable into the USB port of both computers. Before you can start using the PCLinq2 program, you need first to run Setup program on both computers and install the bridge cable as mentioned in the previous section.



PCLinq2 is the application program used to control the file sharing and data transfer of the linked computers (also known as the local PC and the remote PC). After you have successfully completed the Setup program and installed the PCLinq2 bridge cable, you simply double-click on the PCLinq2 shortcut found on your desktop screen. The PCLinq2 File Transfer program will appear as follows:

B PCLing2 : File Transfer on USB-US	B Bridge Cab	le (AN	si v	ersion)		10000			
Ele Edit Command View Help									
[Local] C:\				[Local] C:\					
0 _PC (Windows Xp or .NET)			~	0PC (Windows Xp or .NET)			~	
[C:] (Fixed_NTFS)	 MyDoc 	C:\		[C:] (Fixed _NTFS)	~	MyDoc	C	4	
FileName Size	Date	Attr	^	FileName	Size	Date	Attr	^	
adobeapp 🚞	8/02/2002			adobeapp 🔁	8/	02/2002			
DictTemp	9/02/2002			C DictTemp	9/	02/2002			
Documents and Settings	8/02/2002			Cocuments and Settings	8/	02/2002			
🚞 Inetpub	8/23/2002			Inetpub	8/	23/2002		£.1	
🗀 Inprise	8/06/2002			Contraction Indexes	8/	06/2002			
C Music	12/16/2002			C Music	12/	16/2002			
My Installations	12/19/2002			My Installations	12/	19/2002			
C My Music	12/16/2002			CMy Music	12/	16/2002			
C Program Files	1/20/2003	R		Corrogram Files	1/	20/2003	R		
CRECYCLER	8/02/2002	HS		CORECYCLER	8/	02/2002	HS		
System Volume Informa	8/12/2002	HS	~	System Volume Informa	8/	12/2002	HS	~	
Ready				No Connection	Local :Ready)	

With PCLinq2, you can control both the local and remote PCs and do the following:

- (1) Display files/folders
- (2) Open files/folders
- (3) Create files/folders
- (4) Delete files/folders

- (5) Copy files/folders
- (6) Move files/folders
- (7) Change file/folder names
- (8) Multiple Cable Select if there are three computers linked together using two PCLinq2 bridge cable (see Figure below). PCLinq2 can allow you to control two computers (A-to-B or B-to-C) at a time.



To start using PCLinq2:

- 1. Run Setup program on both (local and remote) computers.
- 2. Plug the one end of the PCLinq2 Hi-Speed USB Bridge cable into the USB port of one computer and the other end into the USB port of the other computer.
- 3. Wait for Windows to detect the cable on each computer and check if it is properly installed.
- 4. Double-click on the PCLinq2 program. It is important that you use the same program mode for each computer. If you are using ANSI mode, then both computers should be running the ANSI mode program. Check the Status LED on the bottom right of the program dialog box if it is ready or not. A green LED signifies a ready status while a red LED means not ready or not found. Make sure that the program shows two green LEDs to indicate a linked connection.

Note: The PCLinq2 Unicode program is only available under Windows 2000 and XP. The PCLinq2 ANSI program is available for all Windows OS versions.

Menu Cont	rols			Pull-Down	Directories			
🗱 PCLing2 : File Transfer (on USB-USB	Bridge Cab	le (AN	Si Version)				
File Edit Command View Hel	p							
🚥 👾 👗 📭 🛍 注 🏥	1 ?				1.00			
[Local] C:\				[Renote] C4				
OLAB7 (Windows Xp or .NET)	and the second	82	×	1 PL-2302 (Windows Xp or	NET Usb 2.0)			~
[C:] (Fixed_NTFS)	*	MyDoc	C:\	[C:] (Fixed_NTFS)		- MyE	oc [C:\
FleName	Size	Date	AA	FieName	Size	Date	Attr	^
		8/02/2002		ADOBEAPP		8/02/2002		
DictTemp		9/02/2002		DictTemp		9/02/2002		
Documents and Settings		8/02/2002		Coursents and Settings		8/02/2002		
C Inetpub		8/23/2002		Cinetpub		8/23/2002		
Diprise		8/06/2002		Constant		8/06/2002		
Music		12/16/2002		Music		12/16/2002		
CMy Installations		12/19/2002		My Installations		12/19/2002		
C My Music		12/16/2002	21	My Music		12/16/2002		
Coprogram Files		1/21/2003	F	Program Files		1/21/2003	R	
RECYCLER		8/02/2002	н	RECYCLER		8/02/2002	HS	
System Volume Informa		8/12/2002	н	System Volume Informa.		8/12/2002	HS	
Contract TestStand		8/23/2002		CorrestStand		8/23/2002		
C WHQLSIGN		9/10/2002	- 11	C WHQLSIGN		9/10/2002		
C WINDOWS		1/15/2003	100	CONDOMS .		1/15/2003		
🛅 WUTemp 🔒		8/16/2002	- F	CowUTemp		8/16/2002	н	
CONTRACT		10/02/2002		ZDEENCH	+	10/02/2002		
NavCOt.Log	23182	1/09/2003	н					
MUTOEXEC.BAT	0	3/14/2002	14					
< II.			>					~
Ready		Section and		Connec	tl Beady	Local :Ready	and D	
			-					1
Local PC			Stat	us Bar Re	mote PC	Cabl	e Sta	tus LED

5. Once a connection has been established, you simply drag-and-drop the files or folders you want to transfer to the other computer. You can change disk drives or directories but clicking on the pull-down directory menu. Use the File menu for other functions of the program.

Uninstalling the PCLinq2 Bridge Cable

It is easy to uninstall the PCLinq2 Hi-Speed USB Bridge Cable driver.

- 1. Make sure to first close all PCLinq2 programs and unplug the USB Bridge cable.
- 2. Go to Control Panel and double-click on Add or Remove Programs.
- 3. Look for the PCLinq2 Hi-Speed USB Bridge Cable and click Change/Remove button.

🐻 Add or Re	move Programs			
Change or Remove Programs	Currently installed programs: हुन्हुं। Hi-Speed USB Bridge-Network Cable	Sort by:	Name	Stor 0.00MB
Add New Programs	To change this program or remove it from your computer, click Change/Re	move.	Ou	nge/Remove
				Clgse

4. The Setup program will prompt you whether you are sure to uninstall or not. Make sure that you have unplugged the USB Bridge cable and click Yes to continue.

Questio	n 🛛 🔀
2	Are you sure you want to uninstall PCLing2 Hi-Speed USB Bridge Cable? Please make sure that you unplug the USB Bridge Cable first.
	<u>Y</u> es <u>N</u> o

- 5. The Setup program will then start to uninstall the PCLinq2 Hi-Speed USB Bridge Cable driver. Wait for Setup to complete uninstallation.
- 6. After Setup has completely uninstalled the driver and programs, it will prompt you to restart Windows. It is recommended that you restart your computer.



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Bridge-Network Cable

Overview

The USB Networking Cable provides a quick and easy solution to network up to 17 USB computers via hot Plug & Play technology without adding any network interface cards. It is suitable for small offices, home offices, mobile users, and network gamers. With the USB Network Bridge Cable, users can play multi-player games, share files, printers, peripheral equipment, and more.

Features

- USB host to host communication
- Single cable solution for network communication
- Standard Windows Explorer user interface
- Maximum Data transfer rate: Over 5 Mbps
- Construct USB Network up to 17 PCs
- Sharing resources, such as Printers, CD-ROMs, Modems, Scanners, etc.
- Support TCP/IP, NetBEUI, IPX/SPX protocols
- Full NDIS driver implementation
- No external power needed
- Compliant with USB specification version 1.1&2.0
- USB full and High speed connection
- Hot PnP for easy use
- Suitable for SOHO and mobile network environment

System Requirements

• Windows 98SE/2000/ME/XP

Running the Setup Program

Before you plug-in and use the Hi-Speed USB Bridge-Network Cable for the first time in your computer, you first have to run the SETUP InstallShield program to preload the drivers and programs into your computer. This step is necessary in order for you to use the USB Bridge Cable properly under Windows operating system.

The following steps will show how to install the Hi-Speed USB Bridge-Network Cable under Windows XP. If you are using other Windows OS versions, the installation is also the same but the look of the dialogue boxes may be a bit different. This Setup program only supports Windows 98SE, ME, 2000, and XP.

1. Power on your computer and boot to Windows. Load Driver CD and run the SETUP.EXE executable program file. The Setup program will then start to prepare the InstallShield Wizard that will guide you through the rest of the setup process.

2	Hi-Speed USB B InstallShield® W	Pridge-Network Cable Setup is preparing the fizard, which will guide you through the rest of the Please unit
-	setup process. F	riease wait.

2. The InstallShield Wizard welcome dialog box will then appear to display some information regarding the Setup program. Follow the instructions and click Next to continue.



3. Wait until Setup has finished installing the Hi-Speed USB Bridge-Network Cable Driver. When it prompts you that installation is complete, click Finish to end.

InstallShield Wizard	
	InstallShield Wizard Complete Setup has finished installing Hi-Speed USB Bridge-Network Cable on your computer.
	K Back Finish Cancel

4. Now locate the USB port of your computer and plug in the PCLinq2 Hi-Speed USB Bridge-Network Cable. If your computer has a Hi-Speed USB 2.0 port, plug the cable into this port. The USB port usually has the imprinted symbol.

 Wait till Windows detects the Hi-Speed USB Bridge-Network Cable and prompts you for the device driver location. If prompted, select to install the software automatically (Recommended) and click Next to continue.

Found New Hardware Wiz	zard
	Welcome to the Found New Hardware Wizard
	This wizard helps you install software for:
	USB-USB Bridge Cable 2.0
	If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do?
	 Install the software automatically (Recommended)
	Install from a list or specific location (Advanced)
	Click Next to continue.
	< Back Next > Cancel

6. Windows will then detect the preloaded driver. Before Windows installs the driver, it may prompt you that this device driver (Hi-Speed USB-USB Network Adapter) has not yet passed Windows XP Logo compatibility. Click Continue Anyway.



7. Windows will then start to install the driver for the **Hi-Speed USB-USB Network Adapter** Once installation is complete, Windows will prompt you that it has finished. Click **Finish** to continue.

Found New Hardware Wiz	ard
	Completing the Found New Hardware Wizard The vizard has finished instaling the software for HiSpeed USB-USB Network Adapter
HHHHH	Click Finish to close the wizard.
	cgack Finish Cancel

 You can also verify the driver installation under Device Manager. Right-click on My Computer. Then click Device Manager. Click on Network adapters and check if there is the Hi-Speed USB-USB Network Adapter.

🚚 Device Manager	
Eile <u>A</u> ction <u>V</u> iew <u>H</u> elp	
 H-ATUV6HCLBP8KA Computer Disk drives Display adapters DVD/CD-ROM drives Floppy disk controllers Floppy disk drives Floppy disk drives TDE ATA/ATAPI controllers Keyboards Mice and other pointing devices Monitors Metwork adapters Hi-Speed USB-USB Network Adapter Ports (COM & LPT) Processors Sound, video and game controllers 	
🗄 🖨 Universal Serial Bus controllers	

Bridge-Network software application setting

Steps by Steps to enable Internet Connection Sharing on a network connection:

- 1. Peer-to-Peer File-Sharing with Bridge-Network connection.
- 2. (For Windows 98/ME/2K/XP, both sides setting are the same)

Manual IP address setting.

(1) Open Network Connections (Click Start, click Control Panel, click Network and Internet Connections, and then click Network Connections).

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(2) Select "Internet Protocol (TCP/IP)", and click "Properties".

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Network and Div up Connections Local Res Connection Type Latiturestor Description	Second Labor Consect using R HSS reard IISB LISB Network Sciences Conjunct, dealed an usedly, file convector P Deal to Honord Honoris P Deal to Honord Honoris P Transformed Laborator Honord Honoris P Transformed Laborator Honord Honoris	
SID strat benefikiligite sin a sin te	Initia Booked Peparter December Terrespine Terrespi	
	OK Dener	

(3) Fill in driver default IP address value : "169.254.x.x", and click "OK".

+5at + + - [] (D)	Treast Polycol (10) is Properties	M
Address 2 Second and Dia up Connections Data Area Connection Type UAI Connector Setue Dated UEI Versal Network Adapter	General General Vis can get P utterp anywell addressed by Fyor retriest support the compare P utterp and on the compare P utterp P to an P address successfully Ca P Tools on P address successfully Ca P Tools on P address successfully P Tools on P addre	23

(4) User can check the connection information to verify whether IP address is settle done.(5) Or use windows command prompt : "IPCONFIG" to check the connection status.

Correspond Prompt.	
Hicrosoft Viedees 3000 (Version 5.00.2195) (C) Cappright 1905-1999 Microsoft Carp.	-
G:>> Speenfig	
Mindaus 2000 IP Configuration	
Etherest adapter Local Area Connection:	
Consection-specific Des Seffic : 109.254.8.1 Datest Rach	
+T)	-
and a second	
tart 🖸 🖉 🖓 - Tart Steven and Dial op Con. 🖬 Command Prempt	585 017

(6) Another connection of Bridge-Network setting in another computer is the same. User can use "My Network Places : search for computer" to find the connected computer.



Fill in the computer name to search target computer in the network.



Auto-detected IP address setting

User have to wait for windows O.S. assigning IP address about 2~3 minutes while connected. And the following steps are same as manual IP address setting.

- 3. Two computers share in internet resource with Bridge-Network connection, (For 2K/XP), <u>Setup A-computer which is external internet connection. (LAN or Modem)</u>
 - (1) Enable the local connection (internet connection) properties to setup internet sharing. If only one local Area Connection Icon on the folder, you can't found the Sharing selection item.



(2) Select "Sharing", and click "Enable Internet Connection Sharing for this connection " and click "OK"



(3) Windows O.S. will force to assign a default IP address (192.168.0.1) for this sharing,

please just click "OK".

24.24	Errad State	
Adres 214	There is a second convector share allows of the computers on your the convector of an advector of the convector from the convector for a convector.	- <i>Pa</i>
Network	Lond retrief Connection Sharing Lond retriefs spectro may be somertally disapted PE Endlish Internet Connection Sharing for this connection	
up Conn Lacal Area G	Local Network	
Type: IAN Cor Solute: Enable DeteR(PRC)/t Correction	When Internet Connection Sharing a multiple, sour LAtrado address IRS 1960.1.1. Your computer may bee connectivity in your notivesh. If these other computers have static 37 addre to address their computers have static 37 addre to address the Paddesses autoratically. Are you ture you Connection Sharing	pter will be set to use IP with other computers on men, you shuld set them survent to enable Internet
autu Iorref		
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a .		

Virtual-Network local connection will be forced to set IP address as below :

76 18 19	Faults Tak Aband He	
\$-0x8 + +	Transferration (10.4) for some 11.2	
Albe Ton Los	Erred	7 60
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Nel 13	C Ditio an P address and store and	
	T Die the billowing IP address	
Loca Comp	n IF address 152, 168, 0, 1)
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24. 27	Orlait paterny	
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figs with	Alternate DNS server	
900		
9 sh	Advanced	
	a land	
UEW		
		_

Setup B-computer which is only local connection with A-computer.

(1) Enable the local connection (USB Bridge-Network) properties to setup the suitable IP

address/Mask/gateway : IP address : 192.168.0.x Subnet mask : 255.255.255.0 Default gateway : 192.168.0.1

	Carrent	Internet Protocol (TCP/IP) Pro	oeties -	IX
	10 15	Gerand		
	Copros 2015 2015	You can get Prantings accept this couplify: Otherwise, you on the appropriate Prantings	t automaticully if your metwork suggests ed to asili your metwork administratio to	
	871	Chian an IP address address of the Chian and P a		
	1	Patient	192.168.0.2	
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	R Stan	Roleved DNS-server		
1		Allende 245 vervet	1	
===				
			Advarced	
5			DK Dy	
410 11				

(2) Also, do not forget to set correct Internet connection value which should be same as A-computer.

Webserer	In Particular	Mercural Enterent Digitation				X
+100	deres (10,1)		<u></u>	x		-
Addess 🖌	General So	cuity Content Connections p	hopans Advanced		· Par unis	
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ms		and has repeat to a contact	Local Area Network (LAP)	Settings	A Haratay, And	
1654 Hore	Level a	urd:	Autometic configuration in Autometic configuration in use of manual settings, de	ny overlide nanual settings. To en cable submatic carrigulation.	ante 18	
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0				12	🔹 btunt	
#Start !!	160	E Denice Planoper	etwork and Dial a 'Melca	me to M. Mit-Part	5644 651M	

(3) B-computer is available to share the internet resource from A-computer.



4. Two computers share in internet resource with Bridge-Network connection(For98SE/ME),

<u>Setup A-computer which is external internet connection. (LAN or Modem)</u>

FOR WIN98SE

- 1. Setup Fixed IP (When you don't have DHCP Server, you only have one Fixed IP)
- PS . When you have DHCP Server, you don't setup anymore.
 - Network Neighborhood>Properties>TCP/IP > Properties
 - Setup : IP Address (Please key-in ISP give you)

Dischar 1	44	hanna	1	20196
DNS Configuration G	aleway	WINS Conf	iguration	IP Address
An IP address can be If your network does your network adminis the space below.	e automai not autor trator for	ically assigne natically assig an address, a	ed to this c in IP addre ind then ty	omputer. ssses, ask peit in
C Obtain an IP ad	diess au	tomatically		
· Specity an IP a	ddress			
JP Address:	61	. 16 . 22	.251	
Subnet Mask:	255	.255.255	5.248	
		-		Count
		0	5 C	Cancel

Setup : Gateway

CP/IP Properties		? ×
Bindings DNS Configuration	Advanced Gateway WINS Conf	NelBIDS figuration IP Address
The first gateway i The address order machines are used	n the Installed Gateway I in the list will be the orde 1	ist will be the default. r in which these
New gateway:	. éd	1
61.16.22.249	Bemo	me
	0	Cancel

Setup : DNS(Domain Name Server)

Bindings	Adv	anced	N N	etBIOS
NS Configuration	Gateway	WINS Co	nfiguration	IP Address
C Disable DNS				î
Host: ujkk		D <u>o</u> main:		
DNS Server Sea	rch Order —			
	: 3i		Add	
168.95.1.1			<u>R</u> emove]
l Domain Suffix Se	arch Order	-		
			Add	
			Remove	J

2. Click "Add/Remove programs"



3. choose "Windows Setup">Internet Tools and Click "Details"

Id/Remove Programs Properties	?
Install/Uninstall Windows Setup Startup Di	sk
To add or remove a component, select or cle the check box is shaded, only part of the cor installed. To see what's included in a compor	ar the check box. If nponent will be nent, click Details.
Lomponents:	
M 🖉 Internet Tools	0.2 MB
🔲 🤤 Multilanguage Support	0.0 MB
🗹 🎇 Multimedia	4.5 MB
🗹 🕎 Online Services	1.2 MB
💌 📻 System Tools	0.5 MB 토
Space used by installed components:	25.6 MB
Space required:	0.0 MB
Space available on disk:	1647.4 MB
Description	
Includes tools that help you use the Interne	t.
1 of 5 components selected	Details
	<u>H</u> ave Disk
ОК Са	ncel Apolu

4. choose "Internet Connection Sharing" and click "OK"

component, click Details.	
components:	0.0 MB
🗌 💼 Microsoft Wallet	0.0 MB
🗹 🗑 Personal Web Server	0.2 MB
🗆 🧑 Web Publishing Wizard	0.0 MB
🗆 🌀 Web-Based Enterprise Mgmt	0.0 MB 👱
pace used by installed components:	25.6 MB
Space required:	0.0 MB
Space available on disk:	1647.4 MB
Description Allow multiple computers to share a single	Internet connection.

5. Install "Internet Connection Sharing Wizard ",Click "Cancel "



6. Click "start program file Control Panel

Internet Options>Connections>"Sharing"

eral Security Privacy Content Connections	Programs Advan
To set up an Internet connection, click Setup. Dial-up and Virtual Private Network settings	Set <u>up</u>
	A <u>d</u> d
	<u>H</u> emove
Choose Settings if you need to configure a proxy server for a connection.	Settings
 Dial whenever a network connection is not prese Always dial my default connection 	nt
Current default: None	S <u>e</u> t Default
Lerrormsystem security check before draining Local Area Network (LAN) settings LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.	LAN Settings
	United Straining

1. Please change "Connect to the Internet using" and "Connect to my home network using " If you see lot Network Adapter item ,you must choose the latest Network Adapter

eneral	
Settings	Euchla Internet Connection Shaving
e	Show Icon in Taskbar
Connec	t to the Internet using:
20	Select the connection that you use to access the Internet:
9	#2 - Realtek RTL8139(A/B/C/8130) PCI Fast Ethernel
Connec	t to my home network using:
<u></u>	Select the <u>n</u> etwork adapter that you use to access your home network:
<u></u>	Hi-Speed USB-USB Network Adapter

7. Use windows command prompt : "IPCONFIG" to check the connection status.

MS-DOS Prompt	_ 8 ×
(C)Copyright Microsoft Corp 1981-1999.	
C:\₩INDO₩S\Desktop>ipconfig	
Windows 98 IP Configuration	
0 Ethernet adapter :	
IP Address	
1 Ethernet adapter :	
IP Address	
2 Ethernet adapter :	
IP Address	
C:\WINDOWS\Desktop>_	

8. Other PC only connect cable (you don't setup IP Address)

S MS-DOS Prompt								
Auto 💽 🛄 🖻 🔁 💣 🗄	5	A	1					
(C)Copyright Microsof	t	Co	rp	1	98	1-	19	99.
C:\WINDOWS\Desktop>ipcon	fi	g						
Windows IP Configuration								
0 Ethernet adapter :								
IP Address								192.168.0.2
Subnet Mask								255.255.255.0
Default Gateway								192.168.0.1

- 9. use windows command prompt : "IPCONFIG" to check the connection status.
- 10. Finish

FOR WINME

- 1. Please Step by Step: for win98 1~3
- 2. Click windows Setup > communications >Details Choose "Internet Connect Sharing" and click "OK"

Id/Remove Programs Properties	2
Install/Uninstall Windows Setup Startup D	Disk
To add or remove a component, select or cl the check box is shaded, only part of the co installed. To see what's included in a compo	ear the check box. If mponent will be ment, click Details.
Components:	
🗹 🐻 Accessibility	4.7 MB 🔺
🗹 📻 Accessories	6.3 MB
🗹 📴 Address Book	1.7 MB
🗹 📀 Communications	5.2 MB
🗆 🔊 Desktop Themes	0.0 MB 💌
Space used by installed components:	42.0 MB
Space required:	0.0 MB
Space available on disk:	1467.8 MB
Description	20070
Includes accessories to help you connect and online services.	to other computers
4 of 10 components selected	Details
	Have Disk
ОК С	ancel Apply.

3. Choose Next or Cancel , Click "Cancel"



4. Click "start programs Accessories

connections "Home Ne

"Home Networking Wizard"



5. Click "Next" to continue



6. Choose "I want to edit my Home Networking setting on this computer .Click "Next"

me Networking Wizard	×
Setup options Edit settings on this computer or create a Setup disk for use on another compu	ter.
The Setup disk installs the Home Networking wizard on computers running Wir or Windows 95. You do not need to create a Setup disk for other computers ru Windows Me.	ndows 98 nning
want to edit my Home Networking settings on this computer.	
C I want to create a floppy disk to set up Home Networking on other compute	NS .
< <u>B</u> ack <u>N</u> ext >	Cancel

7. Click "Next"

ome Netwo	rking ₩izard				2
Internet (A com anothe	Connection puter can access the I ar computer.	nternet directly	or use the share	ed connection of	
Do you	u use the Internet on th	is computer?			
• <u>Y</u> e	s, this computer uses t	he following			
0	<u>A</u> connection to anoth to my Internet service	er computer on provider (ISP).	my home netwo	ork that provides dir	ect access
•	A direct connection to	my ISP using th	ne following dev	ice:	
	Realtek RTL8139(A	() PCI Fast Ethe	rnet Adapter	•	
C No), this computer does n	ot use the Interr	net		
			< <u>B</u> ack	<u>N</u> ext >	Cancel
		3			

8. Click "Next"

ne Networking Wizard		1
Internet Connection Sharing When this computer is connected t in your home can access the Intern	to your home network, users at other computers net.	
Do you want other computers on yo this computer?	our home network to use the Internet connection or	ı.
• Yes		
Select the device that conne	cts this computer to your home network:	
Hi-Speed USB-USB Netwo	ork Adapter	
C No, I do not want to share my Ir	nternet connection.	

9. Click "Next"

me Networking Wizard	the second second second second second	
Computer and workgroup names Each computer on your home network the same workgroup.	must have a unique name and belong to	
Computer Name		-
Type a unique name for this computer, for	r example, "FamilyRoom" or "Mary".	
Computer name:		
Workgroup Name		-
Workgroup names identify a group of co members of a household have the same	mputers on your home network. It's similar to ho address.	W
C Use the <u>d</u> efault workgroup name	e MSHOME (recommended).	
Use this workgroup name:	н	
		-
	17 21 21 21 2	
	A Deale Nexts C	1000

10. Click "Next"

Lomputer and workgroup names Each computer on your home network the same workgroup.	k must have a unique name and belong to
Computer Name Type a unique name for this computer, f	for example, "FamilyRoom" or "Mary".
Computer name:	
Workgroup Name Workgroup names identify a group of c members of a household have the same C Use the default workgroup name	omputers on your home network. It's similar to how e address. ne MSHOME (recommended).
	H
Use this workgroup name:	J ^{II}

11. Click "Next"

Share files and printers			6
You can share folders and prin network computers.	iters on this computer wi	th users on other home	THE SECOND
Select the check box below for	r files you want to share	with other computers or	n the
home network. Clear the check	k box for any resource y	ou don't want to share.	
My Documents folder ar	nd all folders in it.	Password	
Select the check box below for	r printers you want to sh	are with other computer	rs on the
home network. Clear the check	k box for printers you do	n't want to share.	
Select the check box below fo	r printers you want to sh	are with other computer	rs on the
home network. Clear the check	k box for printers you do	n't want to share.	
Select the check box below for	r printers you want to sh	are with other computer	rs on the
home network. Clear the check	k box for printers you do	n't want to share.	
To share additional folders or p	rinters on your compute	rs, click Start, click Help	
then search for the word "shari	ing'' in Windows Help M	e Help and Support.	

12. Choose "No,do not create a Home networking Setup disk." ,Click "Next"

A Home Netwo	eking Setup disk etwarking Setup disk enables you to use Home Networking on 80 and Windows 95 commuters
You can o sunning W	reate a Setup disk for other computers on your home network that are indows 98 and Windows 95.
Your hore Networkin	network may not work correctly until you have completed the Home g wizard on every computer.
Do уоц ни	nt to create a Home Networking Setup disk?
C Yes, c	eate a Home Networking Setup disk.
(No. d	not create a Home Networking Setup disk.

13. Click "Finish"



14. Use windows command prompt : "IPCONFIG" to check the connection status.



- 15. Other PC only connect cable (you don't setup IP Address)
- 16. Finish

Note : General Internet setting for Peer-to-peer internet connection sharing

- a) User must be logged on as an administrator or a member of the Administrators group in order to complete this procedure.
- b) Under Internet Connection Sharing, in Home networking connection, select any adapter that connects the computer sharing its Internet connection to the other computers on user's network.
- c) When user runs the **Network Setup Wizard** and enables **Internet Connection Sharing**, certain protocols, services, interfaces, and routes are configured automatically. The following describes these configured items.

Configured item	Action
IP address 192.168.0.1	Configured with a subnet mask of 255.255.255.0 on the LAN adapter that is connected to the home or small office network.
Autodial feature	Enabled.
Static default IP route	Created when the dial-up connection is established.
Internet Connection Sharing service	Started.
DHCP allocator	Enabled with the default range of 192.168.0.1 and a subnet mask of 255.255.255.0. Unique addresses in the range 192.168.0.2 to 192.168.0.254 are allocated to private network clients.
DNS proxy	Enabled.

If users are enabling Internet Connection Sharing on a LAN connection, TCP/IP for the LAN interface that is connected to the Internet must be configured with a default gateway. The TCP/IP addressing for this interface may be a static address or dynamic addressing using DHCP.

For example :



- d) To enable Internet Connection Sharing (ICS) Discovery and Control on Windows 98, Windows 98 SE, and Windows Millennium Edition computers, run the Network Setup Wizard from the CD or floppy disk on these computers.
- e) For ICS Discovery and Control to work on Windows 98, Windows 98 Second Edition, and Windows Millennium Edition computers, Internet Explorer version 5.0 or later must be installed.
- f) Internet Connection Sharing is not available on Windows XP 64-Bit Edition.
 - 5. Three or more computers share in internet resource with Bridge-Network connection. (Bridge-computers are for Windows XP only, other local computers are for Windows98/ME/2K/XP)

Setup Bridge-computer which is connected 2 or more local connections of Bridge-Network. For example:



To stride across



(1) User can find 2 or more Bridge-Network connections in the bridge computers.

(2) Open Network Connections (Click Start, click Control Panel, click Network and Internet Connections, and then click Network Connections). Under LAN or High-Speed Internet select each of the private network connections that you want to be part of the bridge. Right-click one of the highlighted private network connections, and then click Bridge Connections.

2	7 <u>1940</u> 🥰		1000 and
10.00000001.00	Network Connections		808
	File EdR New Fevorites Tools	Advanced Help	
All consistence of the	C 1+1 · C · J / / /	isarth 😰 folders 🛄+	-
Antipatrian Aliana Aliana Aliana	Instructs Image: Constent of the service convection Image: Convection Image: Convection of the service of the se	LAN or High-Speed Internet Used Area Connection Persons color architected Action CheckarDeliner Enforce	
	Ither Haces	Stad Area Cire 2 delete 1 deleter 1	
Trange Dost	2.tm		
📲 start	Balant Sa	etwork Cornections	· · · · · · · · · · · · · · · · · · ·

 (3) IP address setting is same as Peer-to-peer Internet resource sharing. User have to manual fill into correctly value of bridge connection :

IP address : 192.168.0.x Subnet mask : 255.255.255.x Default gateway : 192.168.0.1

Address Address Address Address Select the address you want to use or you body network. Image: Local Asso Connection 2 Image: Connection 2	General General Adapters File can get P settings assigned autor the opposity. Difference, you need to the opposity. Difference, you need to the billow opposity. Difference, you need to the billow opposity. This connection uses the following iter Output to the billowing iter	noticely if your retwork supports and your retwork administrator for 132 - 168 - 0 - 2 255 - 255 - 255 - 0 132 - 168 - 0 - 1)
Adapters: Select the adapters you want to use or you head for entropy. Image: Local Asso Connection 2 Image: Local Asso Connecon 2 Image: Local Asso Connection 2 Image: Local Asso	Adapters Solect the adapters you want to use on you local Asea Connection 2 M Local Asea Connection 2 M Local Asea Connection 3 M Local Asea Connection	nalically if your retwork supports arik your retwork administrator for 1902, 1680, 0, - 2 255, 255, 255, 0 1922, 1680, 0, 1)
	Collect Asso Connection Colle	192,168.0.2 225.225.225.0 192.168.0.1)
In the contraction uses the following for If is contraction uses the following followi	This connection uses the following item	192.160.0.2 255.255.255.0 192.160.0.1)
This connection uses the following line If is connection uses the following line If is and Printer Sharper for Million If is an example of the following DNS cenver If is the following DNS cenver	This connection uses the following item	255 255 255 0 192 168 0 1)
Construction Microsoft Networks Construction Constructio			
Image: Scheduler Preleved DNS server Image: Scheduler Preleved DNS server Image: Scheduler Alternate DNS server Scheduler in notification area where Advanced	Guerri for Menood Networks Guerri for Menood Networks Guerri for Menood Networks Guerri for Menood Networks	demer	17
Showicon in notification area wher Advanced.	Goo Packet Scheduer Presend DNS server Alternate DNS server		
OK Carcel	Show icon in notification area wher	Advanced.	
		OK Carcel	

Software Change Device Mode

(The cable don't plug-out, it's the status of the connect)

Attention :

When you like to use software change, Hardware change function will be lost.

1. Executable program : Click "PClnq2(ANSI)" or "PClnq2(Unicode)"



2. Click "file " Change Device Mode"



3. You can select Cable and Mode option function .



• Network cable become High speed Data Bridge

First change mode show as below



• Network cable become High speed Data Bridge

First change mode show as below





4. You confirm method . Right-click on My Computer. Then click Hardware-Device Manager. Click on Universal Serial Bus controllers and check if there is the Hi-Speed USB Bridge Cable. Or on Network adapters and check if there is the Hi-Speed USB-USB Network Cable.

Q&A

- Enable NetBUEI Protocol in windows 98SE
- 1. When you want use Network Neighborhood to connect others PC, but network

occur error message in Windows 98SE.



2. Click right moue "Network Neighborhood >Properties>Network, Click "Add".

etwork		?
Configuration Identification Access	Control	
The following network components a	are installed:	
Elient for Microsoft Networks		
📇 Microsoft Family Logon		
Dial-Up Adapter		
Hi-Speed USB-USB Network Ac	lapter	
TCP/IP -> Dial-Up Adapter		
TCP/IP -> Hi-Speed USB-USB I	Network Adap	iter 🗾
Add Remove	<u>e</u>	Properties
Microsoft Family Logon		-
<u>F</u> ile and Print Sharing		
_ Description		
	OK.	1 Cancel

3. Select "Protocol" click Add.

Client	<u>A</u> dd
Adapter	
Protocol	Cancel
Service	

4. Select "Microsoft>NetBEUI" click OK.

Select Network Protoc	ol 🛛 🔀
Click the Netw an installation o	ork Protocol that you want to install, then click OK. If you have disk for this device, click Have Disk.
Manufacturers.	Microsoft 32-bit DLC Microsoft DLC Microsoft DLC MetBEUI WAN support for ATM Winsock2 ATM Service Provider
	Have Disk OK Cancel

5. Finish, other PC step "2~5" again.

• Burn-in EEPROM objective :

When the cable used Software Change Device . You hope you can use Hardware Switch device Mode . You must write your EEPROM Data again.

• Condition :

The cable must uses Data-Link driver (Hi-Speed USB Bridge Cable)

You can verify the driver installation under Device Manager. Right-click on **My Computer**. Then click **Hardware-Device Manager**. Click on Universal Serial Bus controllers and check if there is the **Hi-Speed USB Bridge Cable**.



Note :

If the cable shows **Hi-Speed USB-USB Network Adapter** .it isn't **Hi-Speed USB Bridge Cable**. You must Software Change Device Mode became Data-Link driver(Hi-Speed USB Bridge Cable) (Please consult page 41 ~ page 42)

1. Browse and find "EEPROM" Folder in your driver CD open "eeprom2501.exe" file.



2. Please click "Load "(open "default.sdt" file.)

	🥔 PL2501 EEPROM E	dtor/Writter ver 0.9	×
	String Descriptor Ta	ible	
	Vender ID :	Product ID 0: 0x 0000 PID 2: 0x	2501
	Release Number:	8002 PID1: 0x 0001 PID3: 0x	2502 Load
	Language ID:	0409 Default ID Switch Select	•
	MacAddress 0:	00 50 77 05 AA AA	Save
	MacAddress 1:	00 50 77 05 55 55	
		🔽 Accumulate the Mac Number automatics	
	Manufacturer	Prolific Technology Inc.	Renote Wakeup
	Device Desc.:	USB-USB Bridge Cable 2.0	Powerec
To mark	Seial Number: 5 prefix + 16 Hex Number)	C Accumulate the serial number automatic	Max 100 (mA)
	- Current EEPROM V	alues	
	Vender ID :	0000 Product ID 0: 0x 0000 PID2: 0x	0000
	Release Number:	0000 PID1: 0x 0000 PID3: 0x	0000
	Language ID:	0000 Default ID Switch Select	Write
	MacAddress 0.	00 00 00 00 00	Read
	MacAddress 1:	00 00 00 00 00	
	Manufacturer		E Remote Wakeup
	Device Desc.:		Eus Powered
	Serial Number:		Max 0 mA
	Ready <	You must to confirm	Quit
		status is "ready".	

3. You can Change Serial Number(It's Device ID, It must is one and only number .) Then click "Write"

PL2501 EEPROM E	ditor/Writter ver 0.9
String Descriptor Ta	ble
Vender ID :	0678 Product ID0: 0x 0000 PID2: 0x 2501
Release Number:	8002 PID1: 0x 0001 PID3: 0x 2502 Load
Language ID:	0409 Default ID Switch Select
MacAddress 0:	00 50 77 05 AA AB Save
MacAddress 1:	00 50 77 05 55 56
	Accumulate the Mac Number automatica
Manufacturer	Prolific Technology Inc.
Device Desc.:	USB-USB Bridge Cable 2.0 🔽 Bus Powerec
Serial Number: [5 prefix +	Г 1 Мак 100 (mA)
Vender ID :	0678 Product ID0: 0x 0000 PID2: 0x 2501
Release Number:	8002 PID1: 0x 0001 PID3: 0x 2502
Language ID:	0409 Default ID Switch Select Write
MacAddress D:	00 50 77 05 AA AA Read
Manddhese 1	00 50 77 05 55 55
HIGHNUNDOOD T.	
Manufacturer	Prolific Technology Inc. Remote Wakeup
Manufacturer Device Desc.:	Prolific Technology Inc. USB-USB Bridge Cable 2.0
Manufacturer Device Desc.: Serial Number:	Prolific Technology Inc. Remote Wakeup USB-USB Bridge Cable 2.0 If Bus Powered 0 Max 100 mA

- 4. Please select "Quit" before click "save "(Save Serial Number)
- 5. Finish