

Get Wired Go Wireless

2003 Product Guide

LINKSYS®

17401 Armstrong Avenue
Irvine, CA 92614 U. S. A.
TEL 949-261-1288
FAX 949-261-8868
e-mail sales@linksys.com

www.linksys.com

LINKSYS®

Nobody makes Networking easier.™

Get Wired Go Wireless

2003 Product Guide




Get Wired
Go Wireless
2003 Product Guide



Share your high-speed Internet connection

Share your music, pictures, and other files

Secure your computers against Internet intruders

Play head-to-head games

Share your printer



What's right for you?

Go Wireless

Why Choose a Wireless Network?

Freedom—Work Anywhere

Quick, Effortless Installation

No Cables to Buy

Save Cabling Time and Hassle

Easy to Expand

Get Wired

Why Choose a Wired Network?

Lower Cost

Faster Speed—Up to 1000Mbps

What you'll need



Wireless Access Point
Router with
4-Port Switch
(BEFW11S4)



Wireless PCI Card
(WMP11)





Wireless USB
Network Adapter
(WUSB11)



Wireless
CompactFlash Card
(WCF12)





Wireless PC Card
(WPC11)





Wireless PrintServer
(WPS11)

What you'll need



EtherFast Cable/DSL
Router with
4-Port Switch
(BEFSR41)



EtherFast 10/100
LAN Card
(LNE100TX)





Compact USB 2.0
Network Adapter
(USB200M)





Integrated CardBus
PC Card
(PCM200)

Wireless Standard	802.11b	802.11a	802.11g (Specification due to be ratified in 2003.)
Popularity	Widely adopted. Readily available everywhere.	New technology. Limited adoption.	New technology. Limited adoption, but rapid growth expected.
Speed	Up to 11Mbps (note: cable modem service typically averages no more than 4 to 5Mbps).	Up to 54Mbps (5X greater than 802.11b).	Up to 54Mbps (5X greater than 802.11b).
Frequency	Crowded 2.4GHz band. May conflict with other 2.4GHz devices like cordless phones, microwave ovens, etc.	Uncrowded 5GHz band.	Crowded 2.4GHz band. May conflict with other 2.4GHz devices like cordless phones, microwave ovens, etc.
Range	Good Range. Typically up to 100-150 feet indoors, depending on construction, building materials, room layout.	Limited range. Typically no more than 25 to 75 feet indoors.	Good Range. Typically up to 100-150 feet indoors, depending on construction, building materials, room layout.
Public Access	The number of public "Hot Spots" is growing rapidly, allowing wireless connectivity in many airports, hotels, college campuses, public areas, and restaurants.	None at this time.	Compatible with current 802.11b Hot Spots (at 11Mbps). Also, it's expected that most 802.11b Hot Spots will quickly convert to 802.11g.
Compatibility	Widest adoption.	Incompatible with 802.11b or 802.11g.	Interoperates with 802.11b networks (at 11Mbps). Incompatible with 802.11a.

Go Wireless



***Instant Wireless*®**

Wireless-G Access Point

- Set up a high-speed Wireless-G (draft 802.11g) network in your home or office
- Data rates up to 54Mbps—5 times faster than Wireless-B (802.11b)
- Also interoperates with Wireless-B networks (at 11Mbps)
- Advanced wireless security with 802.1x, WEP encryption, and MAC filtering

2.4GHz
54g
Data Rate: 54Mbps

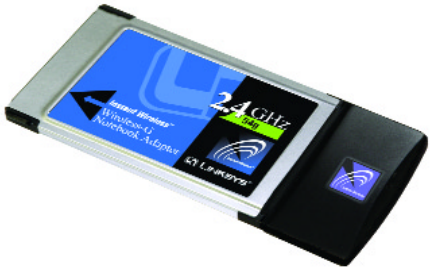


***Instant Wireless*®**

Wireless-G Broadband Router

- All-in-one cable/DSL-sharing Router, 4-port Switch, and Wireless-G (draft 802.11g) Access Point
- Data rates up to 54Mbps—5 times faster than Wireless-B (802.11b)
- Shares a single Internet connection and other resources with Ethernet wired and Wireless-G clients
- Also interoperates with Wireless-B clients (at 11Mbps)
- Advanced wireless security with WEP encryption, and MAC filtering

2.4GHz 54g
Data Rate: 54Mbps



***Instant Wireless*®**

Wireless-G Notebook Adapter

- High-speed Wireless-G (draft 802.11g) networking for your notebook computer
- Data rates up to 54Mbps—5 times faster than Wireless-B (802.11b)
- Also interoperates with Wireless-B networks (at 11Mbps)
- Enhanced security—up to 152-bit data WEP encryption

2.4GHz 54g
Data Rate: 54Mbps



***Instant Wireless*®**

Dual-Band Wireless A+B Access Point

- Works simultaneously with widely-adopted Wireless-B (802.11b) at 11Mbps and new high-speed Wireless-A (802.11a) at 54Mbps
- Wireless security with 152-bit encryption and MAC address filtering
- Wi-Fi certified for assured compatibility
- Enjoy the freedom of wireless today, without the worry of a costly upgrade tomorrow

2.4GHz 802.11b
Data Rate: **11Mbps**

5GHz 802.11a
Data Rate: **54Mbps**



***Instant Wireless*®**

Dual-Band Wireless A+B Broadband Router

- One box shares your high-speed Internet connection with wired and wireless clients
- Works simultaneously with widely-adopted Wireless-B (802.11b) at 11Mbps and new high-speed Wireless-A (802.11a) at 54Mbps
- Wireless security with 802.1x, up to 152-bit encryption, and MAC address filtering
- Protect your wireless investment while preparing for the future

2.4GHz 802.11b
Data Rate: **11Mbps**

5GHz 802.11a
Data Rate: **54Mbps**



***Instant Wireless*®**

Dual-Band Wireless A+B Network PC Card

- One PC Card connects to both Wireless-A (5GHz, 802.11a) and Wireless-B (2.4GHz, 802.11b) standards
- 11Mbps data rate in Wireless-B mode, 54Mbps in Wireless-A
- Enhanced security—up to 152-bit data encryption
- Included Setup Wizard takes you through configuration, step by step

2.4GHz 802.11b
Data Rate: **11Mbps**

5GHz 802.11a
Data Rate: **54Mbps**



***Instant Wireless*®**

Dual-Band Wireless A+B PCI Adapter

- Dual-Band connectivity for your desktop PC
- Works with both Wireless-A (802.11a) and Wireless-B (802.11b) networks
- Data rates up to 54Mbps in Wireless-A, 11Mbps in Wireless-B
- Put your PC wherever you want, with no cabling hassle

2.4GHz 802.11b
Data Rate: **11Mbps**

5GHz 802.11a
Data Rate: **54Mbps**



***Instant Wireless*®**

EtherFast Wireless AP+Cable/DSL Router with 4-Port Switch

- Share your high-speed cable or DSL Internet connection
- 4-port switch and Wireless-B (802.11b) Access Point connect wireless and wired computers
- Economical—share one IP address in your home or office
- Built-in NAT firewall helps keep Internet intruders out

2.4GHz 802.11b
Data Rate: 11Mbps

Wi Fi CERTIFIED™



***Instant Wireless*®**

Wireless-B Broadband Router with Firewall and VPN

- All-in-One Maximum Security Internet-sharing Router, 4-port Switch, and Wireless-B (802.11b) Access Point
- Shares your Internet connection and other resources with 10/100 wired and 11Mbps wireless clients
- Advanced Internet security—Stateful Packet Inspection and two VPN tunnels
- Securely connect from, or to, your home office via VPN

2.4GHz 802.11b
Data Rate: 11Mbps

Wi Fi CERTIFIED™



Instant Wireless®

Wireless Network Access Point

- Access Point for Wireless-B (802.11b) networking
- Efficient diversity antennas provide excellent reliability and range
- Bridge multiple wired networks across rooms, floors, or buildings
- Data rates up to 11Mbps

2.4GHz 802.11b
Data Rate: 11Mbps

Wi Fi CERTIFIED™



Instant Wireless®

Wireless Presentation Player

- Give presentations wirelessly—up to 1024x768 resolution
- Allows impromptu projector-control switching between clients for interactive meetings
- Application independent
- Upload PowerPoint slides to 32MB internal flash for PC-less presentations
- Includes infrared remote with laser pointer

2.4GHz 802.11b
Data Rate: 11Mbps



Instant Wireless®

Wireless PCI Card

- Wireless-B (802.11b) connectivity for your desktop PC
- Data rates up to 11Mbps in the 2.4GHz radio band
- Put your PC wherever you want, with no cabling hassle
- Included Setup Wizard takes you through configuration, step by step

2.4GHz 802.11b
Data Rate: 11Mbps

Wi Fi CERTIFIED



Instant Wireless®

Wireless Network PC Card

- Wireless-B (802.11b) connectivity for notebook computers
- High-speed data rate up to 11Mbps in the 2.4GHz radio band
- Compatible with all major network operating systems
- Included Setup Wizard takes you through configuration, step by step

2.4GHz 802.11b
Data Rate: 11Mbps

Wi Fi CERTIFIED



Instant Wireless®

Wireless Compact USB Adapter

- Go-anywhere Wireless-B (802.11b) connectivity for notebooks and desktops
- Works with any USB-equipped PC
- Carry your wireless connection from home to work, and back

2.4GHz 802.11b
Data Rate: 11Mbps

Wi Fi CERTIFIED™



Instant Wireless®

Wireless USB Network Adapter

- Wireless-B (802.11b) connectivity through your USB Port
- High-speed data rate up to 11Mbps
- Get onto the wireless network without opening your PC's case
- Reduces networking costs—can be used with multiple PCs

2.4GHz 802.11b
Data Rate: 11Mbps

Wi Fi CERTIFIED™



Instant Wireless®

Wireless PrintServer

- Share a printer with everyone on your network
- No need to dedicate a PC to print server chores
- Data rates up to 11Mbps
- Remotely administered through your web browser

2.4GHz 802.11b
Data Rate: 11Mbps



Instant Wireless®

Wireless Ethernet Bridge

- Converts wired-Ethernet devices to wireless network connectivity
- Works without drivers on Macintosh®, Windows®, PlayStation®2, Xbox™, Linux®, network printers—anything with an Ethernet port!
- Provides wireless, cable-free bridging between remote workgroups
- Easily configurable through your web browser

2.4GHz 802.11b
Data Rate: 11Mbps

Wi Fi CERTIFIED™



***Instant Wireless*®**

Wireless CompactFlash Card

- Wireless-B (802.11b) connectivity for most Pocket PCs
- Fits in a CompactFlash (CF) Type I or Type II slot
- Built-in power management saves battery life
- On-screen management utility for easy setup

2.4GHz 802.11b
Data Rate: **11Mbps**



***Instant Wireless*®**

Wireless Signal Booster

- Increase the effective range of your Linksys 802.11b Access Point
- Stronger signal improves throughput by reducing retransmissions
- Save wiring cost and hassle—increase your Access Point's coverage into hard-to-reach areas
- Simple installation—stack, connect, and go

2.4GHz 802.11b
Data Rate: **11Mbps**

Get Wired



Instant Broadband ®

EtherFast Cable/DSL Firewall Router with 4-Port Switch/VPN EndPoint

- An Internet connection-sharing Router with built-in advanced Firewall and VPN capability
- NAT and Stateful Packet Inspection Firewall protects your PCs from Internet intruders
- Securely connect from, or to, your home office via VPN
- Connect four local PCs directly, or daisy-chain out to more hubs and switches as your network grows

UPnP™



Instant Broadband ®

EtherFast Cable/DSL VPN Router with 4-Port Switch

- An Internet connection-sharing Router with built-in VPN capability
- Securely connect from your home office to the corporate network via VPN
- Or use VPN client software to securely connect to your office when travelling
- Connect four local PCs directly, or daisy-chain out to more hubs and switches as your network grows

UPnP™



Instant Broadband ®

EtherFast Cable/DSL Router with 4-Port Switch

- Share your high-speed cable or DSL Internet connection with multiple computers
- Setup Wizard helps you set up your home or business network
- Supports Universal Plug-and-Play (UPnP) for easy configuration
- Connect four PCs directly, or daisy-chain out to more hubs and switches as your network grows

UPnP™



Instant Gigabit ®

8+1 Workgroup Gigabit Switch

- Integrates your existing 10/100 network with a Gigabit server backbone connection
- Eight auto-detecting 10/100 ports
- One full-duplex Gigabit uplink port with up to 2000Mbps bandwidth
- Gigabit speed now available using standard networking cable—no fiber cabling necessary



Instant EtherFast ®

EtherFast 10/100 Auto-Sensing Switches

- Each port independently detects 10Mbps or 100Mbps speed
- Seamless integration with your existing 10BaseT, 100BaseTX or 10/100 network
- Channels full-duplex, dedicated bandwidth to each port for optimal performance
- Easy to use—no configuration required



Instant EtherFast ®

EtherFast 1324 Layer 3 Management 24-Port + 2-Port Gigabit Switch

- Layer 3 Switch with SNMP manageability
- Twenty-four 10/100BaseTX ports
- Two 10/100/1000BaseTX ports
- 802.1p traffic control, and 802.1q VLAN support



Instant EtherFast ®

EtherFast 1704 Layer 3 Management 4-port Gigabit switch

- Layer 3 Switch with SNMP-based manageability
- Four built-in 10/100/1000BaseTX ports
- Four expansion slots for Gigabit Ethernet or Gigabit Fiber modules
- 802.1p traffic control, and 802.1q VLAN support



Instant EtherFast ®

EtherFast 3116 16-Port 10/100 Ethernet Switch

- 16 Autosensing 10/100 full-duplex, auto MDI/MDI-X ports
- Optional 100BaseFX Fiber Optic Module connects multiple switches at high speed as your network grows
- Up to 200Mbps bandwidth at each port
- Address Learning and Aging and Data Flow Control for transmission efficiency



Instant EtherFast ®

EtherFast 3124 24-Port 10/100 Ethernet Switch

- 24 Autosensing 10/100 full-duplex, auto MDI/MDI-X ports
- Optional 100BaseFX Fiber Optic Module connects multiple switches at high speed as your network grows
- Up to 200Mbps bandwidth at each port
- Address Learning and Aging and Data Flow Control for transmission efficiency



Instant EtherFast ®

EtherFast 4116 16-Port 10/100 Ethernet Switch

- 16 Autosensing 10/100 full-duplex, auto MDI/MDI-X ports
- Up to 200Mbps bandwidth at each port
- Address Learning and Aging and Data Flow Control for transmission efficiency
- Compact size fits into any environment



Instant EtherFast ®

EtherFast 4124 24-Port 10/100 Ethernet Switch

- 24 Autosensing 10/100 full-duplex, auto MDI/MDI-X ports
- Up to 200Mbps bandwidth at each port
- Address Learning and Aging and Data Flow Control for transmission efficiency
- Compact size fits into any environment



Instant EtherFast ®

EtherFast 10/100 32-Bit Integrated CardBus PC Card

- CardBus PC Card 10/100 Ethernet network interface
- Fully integrated design—no dongles to lose or break
- Low power consumption and auto-sleep conserve battery life
- Automatically adjusts to either 10Mbps or 100Mbps speeds



Instant Gigabit ®

Gigabit Network Adapter

- Easy-to-use Plug-and-Play 10/100/1000 32- or 64-bit PCI network card
- Full-duplex transfers provide up to 2000Mbps bandwidth
- Gigabit speed now available using standard networking cable—no fiber cabling necessary



Instant EtherFast ®

EtherFast 10/100 LAN Card

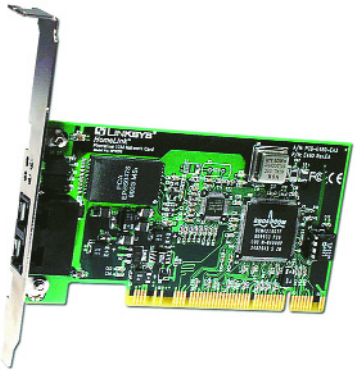
- Easy to use Plug-and-Play 10/100 PCI LAN card
- Full-duplex transfer rate up to 200Mbps
- Connects to both 10Mbps Ethernet and 100Mbps Fast Ethernet networks
- Power-on your PC from anywhere on the network with Wake-On-LAN management



Instant EtherFast ®

EtherFast 10/100 Managed Network Adapter

- 10/100 Auto-negotiating Ethernet interface, with SNMP-based management
- Configure and monitor your network from one centralized location
- Power-on any PC from anywhere on the network with Wake-On-LAN support
- Optimize your network traffic with 802.1q VLAN support and 802.1p traffic prioritization



HomeLink ®

HomeLink PhoneLine 10M Network Card

- Create a home network over your existing telephone wiring without disrupting normal phone service
- PCI Card connects you to the phoneline network to share your Internet connection, files, printers, and gaming
- Data rates up to 10Mbps
- Second integrated RJ-11 jack for your phone



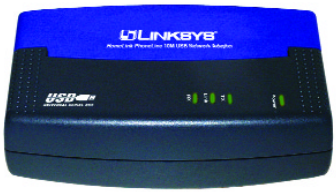


Instant EtherFast ®

HomeLink PhoneLine 10M Integrated PC Card

- Create a home network over your existing telephone wiring without disrupting normal phone service
- PC Card connects you to the phoneline network to share your Internet connection, files, printers, and gaming
- Data rates up to 10Mbps
- Second integrated RJ-11 jack for your phone





HomeLink ®

HomeLink PhoneLine 10M USB Network Adapter

- Create a home network over your existing telephone wiring without disrupting normal phone service
- Connects via USB to the phoneline network to share your Internet connection, files, printers, and gaming
- Data rates up to 10Mbps
- Use with any PC with a USB port running Windows 98SE, 2000, Millennium, or XP





HomeLink ®

HomeLink PhoneLine 10M Cable/DSL Router

- Create a home network over your existing telephone wiring without disrupting normal phone service
- Router function shares a single cable/DSL connection with every PC in your house
- Add PCs by plugging their phoneline adapters (PCM200HA, USB200HA, or HPN200) into a standard phone jack
- Built-in NAT firewall helps keep Internet intruders out





Instant PowerLine ®

PowerLine EtherFast 10/100 Bridge

- Create a high-speed network using your home's existing powerlines
- Bridges 10/100 Ethernet to powerline networking, and back
- Data rates up to 14Mbps—56-bit encryption keeps your data secure
- Share files, printers, network storage, and gaming throughout your home
- Connect it to a router to share your cable/DSL Internet connection

HomePlug Powerline Alliance



Instant PowerLine ®

PowerLine USB Adapter

- Create a high-speed network using your home's existing powerlines
- Connects your USB-equipped PC to powerline networking
- Data rates up to 12Mbps—56-bit encryption keeps your data secure
- Share an Internet connection files, printers, network storage, and gaming throughout your home

HomePlug Powerline Alliance



Instant EtherFast ®

EtherFast Network Attached Storage

- Affordable, easy-to-use 80-gigabyte Network Attached Storage and print server
- An available second hard drive bay lets you add up to 120GB more storage when you need it
- Share music, video, and data files with managed access by user name or group
- Built-in disk utilities—backup, self test, scandisk, and defrag



Instant EtherFast ®

EtherFast Wireless-Ready USB PrintServer

- Share a printer with everyone on your network, with no need to dedicate a PC to print server chores
- Supports 10 or 100Mbps through the Ethernet connection, or 11Mbps when used with the optional Instant Wireless Network PC Card
- Works with most USB printers
- Remotely administered through your web browser



Instant EtherFast ®

EtherFast 10/100 2-Port Switched PrintServer

- Two parallel printer ports, and a 4-port 10/100 switch in one box
- Share a printer with everyone on your network, with no need to dedicate a PC to print server chores
- Four 10/100 Ethernet ports with full-duplex, dedicated bandwidth at each port for optimal performance
- Supports standard and bi-directional printers



Instant EtherFast ®

EtherFast 1-Port & 3-Port PrintServers

- Three- or one-port print servers let you connect your printer directly to your Ethernet network
- Share a printer with everyone on your network, with no need to dedicate a PC to print server chores
- Supports standard parallel and bi-directional printers
- Remotely administered through your web browser



ProConnect ™

ProConnect KVM Switches

- Switch instantly among multiple PCs with the touch of a button or hot key
- Supports PS/2 & AT connections
- Save on equipment, space, and power costs
- Conserves desktop and storage space
- Switches may be daisy-chained as your needs grow



ProConnect ™

ProConnect 4-Port Compact KVM Switch (PS/2)

- Control 4 PCs from one console
- Easy switching between PCs with hot key combinations
- Designed for PS/2 mouse and keyboard ports
- New small form factor



ProConnect ™

ProConnect Integrated KVM 2-Port Switch (PS/2)

- Easily control two PCs from a single keyboard, mouse, and monitor
- Toggle between PCs with quick, hot key combinations
- Convenient built-in cables for a user-friendly, all-in-one design
- Save desktop space, energy, and hardware costs



ProConnect ™

ProConnect USB 4-Port Hub USB 2.0

- Use four USB devices simultaneously from any USB-ready PC
- Data transfer rate up to 480Mbps when a Hi-Speed USB 2.0 device is connected to a Hi-Speed USB 2.0-equipped computer
- Compatible with USB 2.0, and backward compatible with original USB devices
- Hot-swappable—add or remove devices with the computer on

HI-SPEED CERTIFIED USB



Instant USB Disk ®

Instant USB Disk

- Internal Flash memory acts as a tiny "disk drive"
- Store and transport MP3 files, digital images, PowerPoint presentations, and more
- Connects to virtually any USB-equipped computer
- Plug-and-Play—no driver installation needed (most OSes)



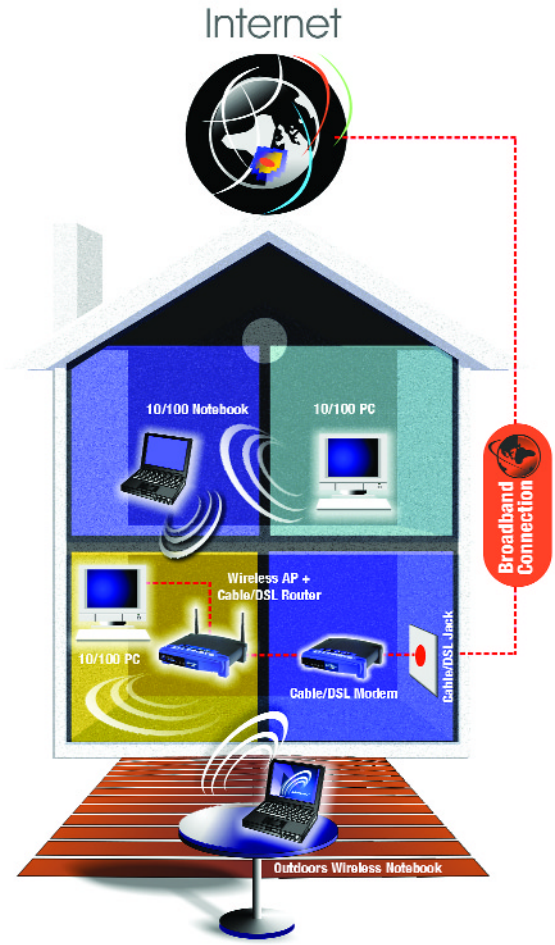
Instant EtherFast ®

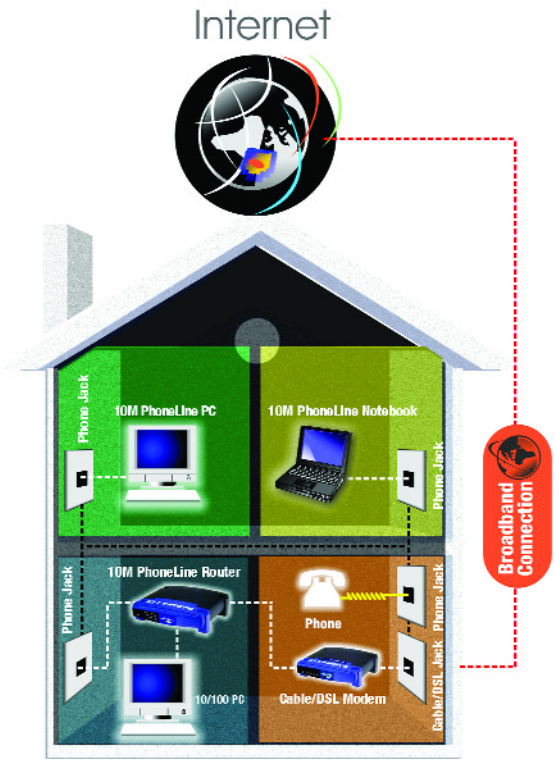
Compact USB 2.0 10/100 Network Adapter

- Connects to 10/100 networks at a full 100Mbps via USB 2.0
- Compact size for greater flexibility
- Also compatible with USB 1.1 desktop and notebook computers
- Plug-and-Play compatible with Windows 98SE, 2000, Millennium, and XP

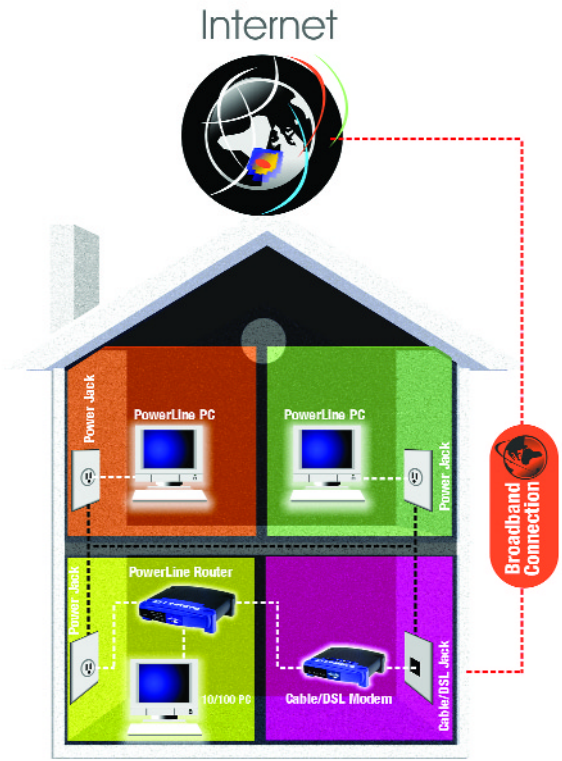
HI-SPEED CERTIFIED USB

3 Easy Ways to Network





PhoneLine Networking

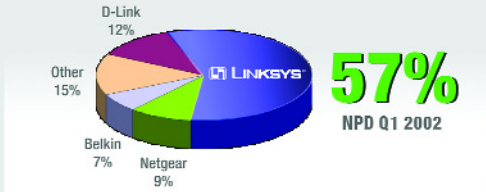


PowerLine Networking

Why LINKSYS®?

Linksys is the Market Leader!

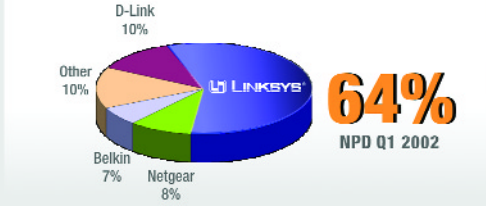
Retail **Wireless** Market Share



57%

NPD Q1 2002

Retail **Router** Market Share



64%

NPD Q1 2002

Award Winning

Inc 500

PC WORLD WORLD CLASS

PC WORLD BEST BUY

cabletmodeminfo.com FIVE STAR RATING

VARBusiness Labs WINNER

CRN Test Center editors' choice

KICK-ASS! product

LINKSYS Cable/DSL Router Awards

WINLIST

Editors' Choice

PC MAGAZINE Best & Worst

15th Annual Reader Survey

Service And Reliability August, 2002

LINKSYS® Report Card

Grade	Category
A	Reader's Report Card Overall Grade
A	Overall Satisfaction
A	Satisfaction With Reliability
A	Would Buy Again From This Company
A	Satisfaction With Technical Support (The ONLY Company to Receive This Grade)



PG-21025NC