

LINKSYS®

A Division of Cisco Systems, Inc.

Product Guide

October 2006



CISCO SYSTEMS




Get Wired

Go Wireless

October 2006 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

Longer Possible Range



What You'll Need



Wireless-N
Broadband Router
(WRT300N)



Wireless-N
PCI Adapter
(WMP300N)



Wireless-N
USB Adapter
(WUSB300N)



Wireless-N
Notebook Adapter
(WPC300N)



Wireless-G
PrintServer
(WPS54G)



Wireless Connection

What You'll Need



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



10/100 LAN Card
(LNE100TX)



Compact USB 2.0
Network Adapter
(USB200M)



Integrated CardBus
PC Card
(PCM200)



Wired Connection

5 Easy Steps to Internet Telephony

- 1 Get connected to broadband (Cable or DSL)
- 2 Choose a Linksys Phone Adapter or Router with Phone Adapter

If you already have a router...

Buy the Linksys Phone Adapter



Internet Phone Adapter with 2 Ports for VoIP
PAP2T

Start a home network to make phone calls...

Buy the Linksys Router with Phone Ports



Wireless-G Broadband Router with 2 PhonePorts
WRTP54G

- 3 Activate your Internet phone service online at home (See instructions in Linksys box)

These features are available with no extra charge!

- | | |
|-----------------------|-------------------------|
| • Voice Mail | • Call Forwarding |
| • Caller ID with Name | • Caller ID block |
| • Call Waiting | • Call Return |
| • Three Way Calling | & much more! |

- 4 Connect your existing telephone to the phone adapter
- 5 Start saving money on phone calls today!

Wireless-N: The Speed of Life

- **Increase Speed!**
Up to 12 times faster than Wireless-G (802.11g)
- **Expand Network Range!**
Up to 4 times farther
- **Backward Compatible!**
With both Wireless-B and G



Internet : Surf the web



Voice : Make Internet phone calls



Entertainment : Enjoy music, video, & games

The Technical Data

Wireless-N uses four of today's most cutting-edge technologies:

MIMO.



Multiple radios broadcast and receive at the same time to maximize performance.

Multiple Spatial Streams.







Numerous streams of content can move over the same channel at the same time, multiplying the capacity of each channel.

Smart Antennas.

Combine strong, weak, and reflected signals into one data stream for maximum range.

Double-Wide Channels.

Uses two 20 MHz channels when they are available to double the capacity again.

Wireless Standard	Wireless-G	
Solution Type		Lowest Price
Speed		Data rate up to 54Mbps
Relative Cost		Best Value
Frequency	2.4 GHz	2.4GHz band
Range		Typically up to 100-150 feet indoors. Range Expander option available.
Performance Enhancements		Throughput up to 5X as fast as 802.11b
Compatibility	OK 802.11b	Backward compatible with Wireless-B (802.11b) and public Hotspots
Router Security Options		WEP, WPA, WPA2, SPI Firewall

Wireless-G with SpeedBooster	Wireless-N		
	Good Value		Best Performance
	Up to a 35% performance increase over Standard Wireless-G when used with other SpeedBooster products		Up to 12X faster than Standard Wireless-G, faster than 10/100 Ethernet
	Small Premium		Relative Cost Premium
2.4 GHz	2.4GHz band	2.4 GHz	2.4GHz band
	Typically up to 100-150 feet indoors. Range Expander option (at Wireless-G speeds only).		Up to 4x more range than Wireless-G
	Same Data Rate as Wireless-G. Improved performance due to reduced overhead on data transmission and chain packets		Up to 12X faster than Wireless-G
OK 802.11b	Compatible with all Wireless-B and -G Networks. Up to a 20% performance increase when used with standard (non-SpeedBooster) Wireless-G products.	OK 802.11b	Compatible with Wireless-B and -G networks. Reduced dead spots when used with any wireless standard
	WEP, WPA, WPA2, SPI Firewall		WEP, WPA, WPA2, SPI Firewall

Expand Range Up to 4x



Ideal for:	Wireless-G	SpeedBooster	Wireless-N
Sharing a high speed Internet connection	✓	✓	✓
Public hotspot compatibility	✓	✓	✓
Transmitting audio files	✓	✓	✓
Internet phone calls (VoIP)		✓ with quality of service	✓
Multiple users with heavy Internet usage or file sharing		✓	✓
Larger homes and offices			✓
Networked entertainment: streaming video, high definition video, multi-channel surround sound audio			✓
Multiple simultaneous applications including VoIP, audio, video			✓
Lag-free multi-player gaming over the wireless network			✓
Bandwidth-intensive network & multimedia applications			✓



Go Wireless!





Wireless-N Gigabit Router with Storage Link

- Internet-sharing router and 4-port Gigabit Switch, with a built in speed and range enhanced Wireless Access Point
- Also connects hard drive or flash-based USB storage devices directly to your network to share music, video, or data files
- MIMO technology uses multiple radios create a robust signal that travels up to 4 times farther and reduces dead spots
- Up to 12 times faster than Wireless-G, but also works great with Wireless-G and -B devices

2.4GHz



Wireless-N Broadband Router

- Internet-sharing router and 4-port switch, with a built in speed and range enhanced Wireless Access Point
- MIMO technology uses multiple radios to create a robust signal that travels up to 4 times farther and reduces dead spots
- Up to 12 times faster than Wireless-G, but also works great with Wireless-G and -B devices
- Wireless signals protected by WPA2 encryption, and your network protected from Internet attacks by a powerful SPI firewall

2.4GHz





Wireless-N Notebook Adapter

- High-speed Wireless-N (draft 802.11n) networking for your notebook computer
- MIMO technology uses multiple radios to create a robust signal that travels up to 4 times farther and reduces dead spots
- Up to 12 times faster than Wireless-G, but can also connect to Wireless-G and -B networks
- Advanced wireless security: Wi-Fi Protected Access™ (WPA2) with up to 128-bit encryption

2.4GHz



Wireless-N PCI Adapter

- High-speed Wireless-N (draft 802.11n) networking for your desktop computer
- MIMO technology uses multiple radios to create a robust signal that travels up to 4 times farther and reduces dead spots
- Up to 12 times faster than Wireless-G, but can also connect to Wireless-G and -B networks
- Advanced wireless security: Wi-Fi Protected Access™ (WPA2) with up to 128-bit encryption

2.4GHz





Wireless-N USB Network Adapter

- High-speed Wireless-N (draft 802.11n) networking for your desktop or notebook computer
- MIMO technology uses multiple radios to create a robust signal that travels up to 4 times farther and reduces dead spots
- Up to 12 times faster than Wireless-G, but can also connect to Wireless-G and -B networks
- Wireless transmissions protected by up to 128-bit encryption

2.4GHz



Wireless-G Notebook Adapter with SRX400

- High-speed Wireless-G networking for your notebook computer, now with SRX performance enhancement
- New SRX technology: the farther away, the more advantage — up to 10 times faster than standard Wireless-G (802.11g)
- SRX also increases wireless range by up to 3 times and reduces dead spots in coverage area
- Interoperates with standard Wireless-G, Wireless-B, and other SRX devices

2.4GHz
802.11g





Wireless-G PCI Adapter with SRX400

- High-speed Wireless-G for your desktop PC, now with SRX performance enhancement
- New SRX technology: the farther away, the more advantage—up to 10 times faster than standard Wireless-G (802.11g)
- SRX also increases wireless range by up to 3 times and reduces dead spots in coverage area
- Interoperates with SRX, SRX200, SRX400, standard Wireless-G, and Wireless-B networks

2.4GHz
802.11g

RANGEMARK[™]
3X
SPEEDMARK[™]
10X



Wireless-G Broadband Router with SRX200

- Internet-sharing Router, 4-port Switch, with a built in speed and range enhanced Wireless-G (802.11g) Access Point
- Shares a single Internet connection and other resources with Ethernet wired, Wireless-G, -B, and other SRX devices
- New SRX technology: the farther away, the more advantage — up to 6 times faster than standard Wireless-G (802.11g)
- SRX also increases wireless range up to twice as far and reduces dead spots in coverage area

2.4GHz
802.11g

RANGEMARK[™]
2X
SPEEDMARK[™]
6X



Dual-Band Wireless A+G Broadband Router

- Dual-band, tri-standard Access Point communicates with Wireless-A (802.11a), Wireless-B (802.11b), and Wireless-G (802.11g) wireless networks
- Double your bandwidth - supports both bands simultaneously
- Built-in 4-port Switch jump-starts your wired network, while the Router functionality securely shares your high-speed Internet connection with wired and wireless computers
- Advanced Security: Wireless data encryption (WEP) and WPA wireless data encryption, VPN pass-through, Internet access control and Wireless filters

2.4GHz
802.11g

5GHz
802.11a



Dual-Band Wireless A+G Access Point

- Dual-band, tri-standard Access Point communicates with Wireless-A (802.11a), Wireless-B (802.11b), and Wireless-G (802.11g) wireless networks
- Double your bandwidth - supports both bands simultaneously
- Advanced features: SNMP manageability, and Dynamic Frequency Selection (DFS)
- Powerful security: Up to 152-bit wireless data encryption (WEP), and wireless MAC address filter

2.4GHz
802.11g

5GHz
802.11a



Dual-Band Wireless A+G Notebook Adapter

- Universal wireless adapter connects your notebook PC to Wireless-A (802.11a), Wireless-B (802.11b), or Wireless-G (802.11g) networks
- Incredible data rates up to 54Mbps in Wireless-G and A modes
- Also downward compatible with popular 11Mbps Wireless-B networks
- Protects your wireless communications with up to 128-bit Wi-Fi Protected Access™ (WPA) encryption

2.4GHz
802.11g

5GHz
802.11a



Dual-Band Wireless A+G PCI Adapter

- Universal wireless adapter connects your desktop PC to Wireless-A (802.11a), Wireless-B (802.11b), or Wireless-G (802.11g) networks
- Incredible data rates up to 54Mbps
- Protects your wireless communications with up to 128-bit Wi-Fi Protected Access™ (WPA) encryption
- Put your PC wherever you want, with no cabling hassle

2.4GHz
802.11g

5GHz
802.11a



Wireless A/G USB Network Adapter

- Universal wireless adapter connects your desktop or notebook to Wireless-A, -B, or -G networks
- Data rates up to 54Mbps when used with a USB 2.0 port
- Easy, no-tools setup on any desktop or notebook computer with USB support
- Wireless communications are protected by up to 128-bit data encryption

2.4GHz
802.11g

5GHz
802.11a



Dual-Band Wireless A/G Game Adapter

- Lag-free head-to-head or Internet gaming at up to 54Mbps, without stringing wires
- Converts wired-Ethernet-ready game consoles to Wireless-A, -B, or -G network connectivity
- Works without drivers on PlayStation®2, Xbox™, and GameCube™
- Lets you connect your Media Center Extender-equipped Xbox wirelessly

2.4GHz
802.11g

5GHz
802.11a



Wireless-G Broadband Router with SpeedBooster

- All-in-one Internet-sharing router, 4-port switch, and up to 35% performance enhanced Wireless-G Access Point
- Shares a single Internet connection and other resources with Ethernet wired, Wireless-G, -B, and SpeedBooster devices
- Push button setup feature makes wireless configuration secure and simple
- High security: Wi-Fi Protected Access™ 2 (WPA2), 802.1x, wireless MAC address filtering, powerful SPI firewall

2.4 GHz
802.11g



Wireless-G Travel Router with SpeedBooster

- Shares a wired or wireless Internet connection with SpeedBooster, Wireless-G and -B devices, and an Ethernet wired PC
- Create temporary, personal, wireless access in your hotel room or a coffee shop hotspot — push button easy
- Travel-friendly form factor with built-in power supply and antenna
- High security: Wi-Fi Protected Access™ (WPA), wireless MAC address filtering, powerful SPI firewall

2.4 GHz
802.11g



Wireless-G Media Storage Link Router with SpeedBooster

- All-in-one Internet-sharing Router, 4-port Switch, and up to 35% performance enhanced Wireless-G Access Point
- Also connects USB disk or flash drives directly to your network to share music, video, or data files locally and over the Internet
- Push button setup feature makes wireless configuration secure and simple
- High security: Wi-Fi Protected Access— (WPA), wireless MAC address filtering, powerful SPI firewall

2.4GHz
802.11g



Wireless-G Notebook Adapter with SpeedBooster

- High-speed Wireless-G networking for your notebook computer, now with SpeedBooster performance enhancement
- SpeedBooster technology increases Wireless-G performance by up to 35%
- Also interoperates with standard Wireless-G and Wireless-B networks
- Wireless communications secured with up to 128-bit Wi-Fi Protected Access™ (WPA) encryption

2.4GHz
802.11g



Wireless-G PCI Adapter with SpeedBooster

- High-speed Wireless-G for your desktop PC, now with SpeedBooster performance enhancement
- Put your PC wherever you want, with no cabling hassle
- SpeedBooster technology increases wireless network performance by up to 35%
- Also interoperates with standard Wireless-G and Wireless-B networks

2.4GHz
802.11g



Wireless-G USB Network Adapter with SpeedBooster

- High-speed wireless networking for your desktop or notebook via USB 2.0
- SpeedBooster technology increases Wireless-G performance by up to 35%
- Easy, no-tools setup on any desktop or notebook computer with USB support
- Wireless communications are protected by up to 128-bit data encryption

2.4GHz
802.11g



Compact Wireless-G USB Network Adapter with SpeedBooster

- High-speed wireless networking for your desktop or notebook via USB 2.0Up to 35% faster with SpeedBooster
- New SpeedBooster technology increases Wireless-G performance by up to 35%
- Easy, no-tools setup on any desktop or notebook computer with USB support
- Push button setup feature makes wireless configuration secure and simple

2.4GHz
802.11g



Wireless-G Broadband Router with RangeBooster

- All-in-one Internet-sharing Router, 4-port Switch, and up to 2X range-enhanced Wireless-G Access Point
- Shares a single Internet connection and other resources with Ethernet wired, Wireless-G, -B, and RangeBooster devices
- New RangeBooster technology for up to twice the range, reduced dead spots, and up to 35% more throughput
- High security: Industrial-strength WPA wireless encryption and MAC address filtering, powerful SPI firewall

2.4GHz
802.11g



Wireless-G Notebook Adapter with RangeBooster

- High-speed Wireless-G networking for your notebook computer, now with RangeBooster performance enhancement
- New RangeBooster technology for up to twice the range, reduced dead spots, and up to 35% more throughput
- Also interoperates with standard Wireless-G and Wireless-B networks
- Advanced wireless security: Wi-Fi Protected Access – (WPA), and up to 128-bit encryption

2.4GHz
802.11g



Wireless-G PCI Adapter with RangeBooster

- High-speed Wireless-G for your desktop PC, now with RangeBooster performance enhancement
- Put your PC wherever you want, with no cabling hassle
- New RangeBooster technology for up to twice the range, reduced dead spots, and up to 35% more throughput
- Also interoperates with standard Wireless-G and Wireless-B networks

2.4GHz
802.11g



Wireless-G USB Network Adapter with RangeBooster

- Easy, no-tools, Wireless-G networking for your desktop or notebook, now with RangeBooster performance enhancement
- New RangeBooster technology for up to twice the range, reduced dead spots, and up to 35% more throughput
- Also interoperates with standard Wireless-G and Wireless-B networks
- Advanced wireless security: Wi-Fi Protected Access™ (WPA), and up to 128-bit encryption

2.4GHz
802.11g



Wireless-G Cable Gateway

- High-speed DOCSIS 2.0 certified Cable Modem gives you a fast, “Always On” connection to the Internet
- Share the Internet—connect one PC to the integrated Router via USB and four more via Ethernet using the built-in 10/100 Switch
- Built-in Wireless-G (802.11g) Access Point also lets you connect without running wires
- Advanced firewall and security features protect your PCs, your data, and your family

2.4GHz
802.11g



Wireless-G Broadband Router

- All-in-one cable/DSL-sharing router, 4-port switch, and Wireless-G (802.11g) Access Point
- Data rates up to 54Mbps—5 times as fast as Wireless-B (802.11b)
- Shares a single Internet connection and other resources with Ethernet wired and Wireless-G clients
- Also works with Wireless-B clients (at 11Mbps)
High security: Wi-Fi Protected Access™ (WPA), Wireless MAC address filtering, powerful SPI firewall

2.4GHz
802.11g



Wireless-G Access Point

- Set up a high-speed Wireless-G (802.11g) network in your home or office
- Data rates up to 54Mbps—5 times as fast as Wireless-B (802.11b)
- Also interoperates with Wireless-B networks (at 11Mbps)
- Advanced wireless security with 128-bit WPA encryption and wireless MAC address filtering

2.4GHz
802.11g



Wireless-G Notebook Adapter

- High-speed Wireless-G (802.11g) networking for your notebook computer
- Data rates up to 54Mbps—5 times as fast as Wireless-B (802.11b)
- Also interoperates with Wireless-B networks (at 11Mbps)
- Advanced wireless security: Wi-Fi Protected Access™ (WPA) and up to 128-bit encryption

2.4GHz
802.11g



Wireless-G Compact USB Adapter

- Connects your desktop or notebook to a wireless network at up to 54Mbps when used with a USB 2.0 port
- Easy, no-tools setup on any desktop or notebook computer with USB support
- Push button setup feature makes wireless configuration secure and simple
- Wireless communications are protected by up to 128-bit data encryption

2.4GHz
802.11g



Wireless-G USB Network Adapter with Wi-Fi Finder

- High-speed Wireless-G networking for your desktop or notebook computer
- Built-in Wi-Fi Finder detects Wireless-G and -B signals within 300 feet
- Easy to read display shows network name, channel, signal strength, and security on/off
- Wireless communications are protected by up to 128-bit WEP or WPA encryption

2.4GHz
802.11g



Wireless-G PCI Adapter

- Wireless-G (802.11g) connectivity for your desktop PC
- Incredible data rates up to 54Mbps in the 2.4GHz radio band
- Also interoperates with Wireless-B (802.11b) networks at 11Mbps
- Put your PC wherever you want, with no cabling hassle
- Industrial-strength Wi-Fi Protected Access™ (WPA) wireless security

2.4GHz
802.11g



Wireless-G Music Bridge

- Connects your stereo system to a Wireless-G or wired network
- Listen to your digital music collection in the living room
- Creates a virtual sound system in your PC to send audio output to a stereo system anywhere in the house
- Works with any PC application— media players, games, streamed Internet audio, etc.

2.4GHz
802.11g



Wireless-G CompactFlash Card

- High speed Wireless-G connectivity for most Pocket PCs
- Connects to both 802.11g (54Mbps) and 802.11b (11Mbps) wireless networks
- Fits in a CompactFlash (CF) Type II slot
- Built-in power management saves battery life

2.4GHz
802.11g



Wireless-G Game Adapter

- Lag-free head-to-head or Internet gaming at up to 54Mbps, without stringing wires
- Converts wired-Ethernet-ready game consoles to Wireless-G (802.11g) network connectivity
- Works without drivers on PlayStation®2, Xbox™, and GameCube™
- Also connects to Wireless-B (802.11b) networks at 11Mbps

2.4GHz
802.11g



Wireless-G PrintServer for USB 2.0

- Share up to two printers with everyone on your network—works with parallel and USB (1.1 or 2.0) printers
- Connects your printers directly to the network by 10/100 wired Ethernet or 54Mbps Wireless-G (802.11g)
- No need to dedicate a PC to print server chores
- Remotely administered through your web browser or the included utility

2.4GHz
802.11g



Wireless-G PrintServer

- Share a printer with everyone on your network—works with most USB 1.1 or 2.0 printers
- Connects your printer directly to the network by 10/100 wired Ethernet or 54Mbps Wireless-G (802.11g)
- Prevents congestion on your PC with other users' print jobs
- No need to leave a PC on 24/7

2.4GHz
802.11g



Wireless-G Range Expander

- The easiest way to expand your wireless network's coverage
- Save on wiring costs — no wired connection to your network necessary
- Extend your wireless signal into hard-to-reach areas
- Compatible with both Wireless-G and Wireless-B networking devices

2.4GHz
802.11g



Wireless-G Ethernet Bridge with 5-Port Switch

- Provides high-speed cable-free bridging between remote workgroups
- Built-in 5-port 10/100 switch with auto MDI/MDI-X cable detection
- Converts wired-Ethernet devices to Wireless-G network connectivity
- Wireless communications protected with 128-bit Wi-Fi Protected Access™ (WPA) encryption

2.4GHz
802.11g



Wireless-G Ethernet Bridge

- Converts wired-Ethernet devices to Wireless-G (802.11g) network connectivity
- Works without drivers on Windows®, Macintosh®, Linux®, PlayStation®2, Xbox™, or proprietary devices — anything with an Ethernet port!
- Provides high-speed cable-free bridging between remote workgroups
- Supports Power over Ethernet for ease of installation (PoE Adapter required)
- Wireless communications protected with 128-bit Wi-Fi Protected Access™ (WPA) encryption

2.4GHz
802.11g



Wireless-G Internet Video Camera

- Sends a high-quality live audio/video stream to your network wirelessly over 802.11g — viewable from anywhere
- Built-in stand-alone web server, no PC necessary
- Security Mode automatically sends email alerts with video clips upon motion detection
- Supports up to four simultaneous remote users

2.4GHz
802.11g



Compact Wireless-G Internet Video Camera

- Sends high-quality live video to your network wirelessly — viewable from Windows PCs anywhere
- Built-in stand-alone web server, no PC necessary
- Security Mode automatically sends email alerts with video clips upon motion
- Supports up to four simultaneous remote users

2.4GHz
802.11g



Bluetooth USB Adapter

- Add Bluetooth 1.1 connectivity to your USB-equipped notebook or desktop computer
- Wirelessly connect to local devices such as mobile phones, PDAs, printers, headsets, other computers, mice, keyboards, and more
- Synchronize data between your PC and PDA, and keep your mobile phone's address book up to date
- Use your mobile phone to connect your notebook computer to the Internet, while the phone is still in your pocket
- Uses Bluetooth Class 1 — up to 300' range

2.4GHz
802.11g



High Gain Antennas for SMA/TNC Connectors and Stands

- Increases the effective range of Linksys wireless devices
- Stronger signal increases wireless coverage into hard-to-reach areas
- Improves throughput by reducing retransmissions
- Easy installation — simply replace your current antennas
- Works with both Wireless-G and Wireless-B devices
- Relocate your antennas to avoid reflective or signal blocking obstacles
- TNC Stand supports antenna diversity for reliability and range
- Mounts on a desktop, wall, or ceiling

2.4GHz
802.11g

Get Wired



EtherFast Cable/DSL Router

- 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 or eight PCs directly, or daisy-chain out to more hubs and switches as your network grows



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 traveling
- Connect four local PCs directly, or daisy-chain out to more hubs and switches as your network grows



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

- An Internet connection-sharing Router with built-in advanced Firewall and VPN capability
- 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



Network Optimizer for Gaming and VoIP

- Automatically optimizes your home network traffic
- Gives time-sensitive data higher priority through to the Internet
- Reduces lag in online gaming
- Improves Voice over IP call quality



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



Desktop Gigabit Switches

- Five or eight 10/100/1000Mbps, half/full duplex, switched ports
- Forwards and filters packets at non-blocking, full wire speed
- All ports have auto speed negotiation and auto MDI/MDI-X crossover detection
- Supports address learning and aging, 802.3x flow control and head-of-line blocking prevention



16-Port & 24-Port 10/100 Ethernet Switches

- Sixteen or twenty-four 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
- Runs at non-blocking, full wire speeds
- Address Learning and Aging and Data Flow Control for transmission efficiency



16-Port & 24-Port 10/100 Ethernet Switches

- Sixteen or twenty-four Autosensing 10/100 full-duplex, auto MDI/MDI-X ports
- Runs at non-blocking, full wire speeds
- Address Learning and Aging and Data Flow Control for transmission efficiency
- Compact size fits into any environment



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



Gigabit Network Adapters

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



Gigabit ExpressCard Adapter

- 10/100/1000Mbps Ethernet network interface for ExpressCard slots
- Integrated pop-up connector folds flat when not in use—no dongles to lose or break
- Low power consumption conserves battery life
- Automatically adjusts to 10Mbps, 100Mbps, or gigabit network speeds



10/100/1000 Gigabit Notebook Adapter

- 32-bit CardBus PC Card 10/100/1000Mbps Ethernet network interface
- Integrated pop-up connector folds flat when not in use—no dongles to lose or break
- Low power consumption conserves battery life
- Automatically adjusts to 10Mbps, 100Mbps or gigabit network speeds



10/100/1000 Gigabit USB Network Adapter

- Gigabit connectivity via USB 2.0
- Automatically adjusts to 10Mbps, 100Mbps or gigabit network speeds
- Easy to pack—integrated pop-up connector folds flat, built-in USB cable winds up
- Also compatible with USB 1.1 desktop and notebook computers



10/100 LAN Card

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



USB VPN & Firewall Adapter

- A USB-attached network interface with firewall safety and a secure communication link
- Establishes an IPSec Virtual Private Network tunnel to your corporate network
- Advanced firewall with Stateful Packet Inspection protects your PC from Internet attacks, wherever you connect
- USB interface—works with virtually any PC



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
- Compatible with Windows 98SE, 2000, Millennium, and XP



Network Storage Link for USB 2.0 Disk Drives

- Connects USB 1.1 or 2.0 disk drives and flash disks directly to your network
- Share music, video, or data files with managed access by user name or group
- Integrated file server—access your files from the Internet
- Built-in disk utilities—format, backup, and scandisk



Cable Modem with USB & Ethernet Connection

- Own your own cable modem and avoid paying monthly rent
- Easy installation—one phone call to your Internet service provider completes the setup
- “Always on” connection eliminates dial-up wait times and busy signals
- Up to 100 times faster than dial-up Internet connections



10 / 100 PrintServer

- 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 printers
- Remotely administered through your web browser



PrintServer for USB with 4 port Switch

- Share a printer with everyone on your network—works with most USB printers
- Connect your printer directly to the network, with no need to dedicate a PC to print server chores
- Also expands your network with a built-in 4-port 10/100 Ethernet switch
- Remotely administered through your web browser or the included utility



Integrated KVM 2-Port (PS/2) or 4-Port KVM Switch

- Control multiple PCs from a single monitor, PS/2 keyboard and PS/2 mouse
- Easy switching between PCs with hot key combinations
- KVM2KIT features convenient built-in cables for a user-friendly, all-in-one design
- Save desktop space, energy, and hardware costs



4- or 8- Port KVM Switch (PS/2)

- Control 4 or 8 PCs from one console
- Toggle between PCs with faceplate buttons or hot keys
- Designed for PS/2 mouse and keyboard ports
- Switch Instantly among multiple PCs with the touch of a button or hot key
- Supports PS/2 connections
- Save on equipment, space, and power costs
- Conserves desktop and storage space
- Switches may be daisy-chained as your needs grow

Voip

Voip

Voice Products

Voip

Voip



Cordless Internet Telephony Kit

- You don't have to sit in front of your computer to talk to your friends with Skype
- USB Base Station connects to your PC and puts your Skype contact list on the handset's screen
- Handset features illuminated Caller ID screen, speakerphone and call waiting
- Supports SkypeOut dialing, incoming SkypeIn calls, and Skype voicemail



Dual-Mode Internet Telephony Kit

- Standard cordless phone with Skype support
- Choose to talk using Skype or a standard telephone line
- Your Skype contact list is right there on the handset's display
- Supports SkypeOut dialing, incoming SkypeIn calls, and Skype voicemail





Wireless-G IP Phone with SES

- Make low-cost high quality VoIP Calls from your Wireless-G network
- Secure, Easy Setup on Wi-Fi network with SES
- Superior range and performance with 802.11g
- Intuitive user interface



Wireless-G IP Phone with Browser

- Make low-cost high quality VoIP calls from wireless hotspots
- Easy Setup on Wi-Fi network
- Superior range and performance with 802.11g
- Intuitive user interface





Wireless-G Broadband Router with 2 Phone Ports

- All-in-one Internet-sharing router, 4-port switch, and 54Mbps Wireless-G Access Point
- Shares a single Internet connection and other resources with Ethernet wired and Wireless-G and B devices
- Two standard phone jacks enable feature-rich telephone service over your broadband connection
- High security: Wi-Fi Protected Access (WPA), wireless MAC address filtering, powerful SPI firewall



Broadband Router with 2 Phone Ports

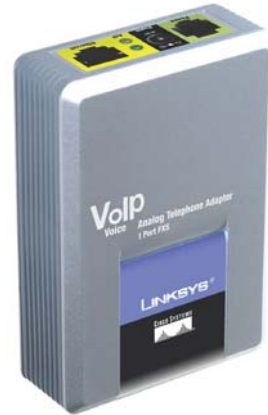
- Share your high-speed Internet connection with multiple computers
- Built-in switch connects four local PCs directly
- Two standard phone jacks enable feature-rich telephone service over your broadband Internet connection
- Supports quality of service for clear telephone reception, DHCP, and Universal Plug-and-Play (UPnP)





Internet Phone Adapter with 2 Ports for Voice-over-IP

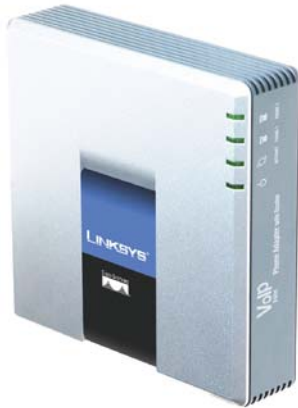
- Enables feature-rich telephone service over your broadband Internet connection
- Two standard telephone ports for analog phones or use one of the ports for a fax machine, each with an independent phone number
- High quality, clear sounding voice service simultaneous with Internet use
- Compatible with all common telephone features: Caller ID, Call Waiting, Voicemail, etc.



Phone Adapter with 1 FXS Port

- Inexpensive, easy to install and simple-to-use
- Very compact and ideal for home and office use
- Toll Quality Voice and Carrier-Grade Feature Support
- Large-scale deployment and management





Phone Adapter with Router

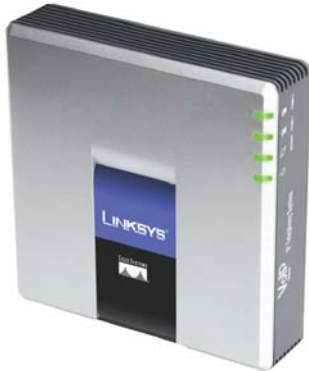
- Ready voice adapter solution for VoIP
- Supports international standards for voice and data networking
- Reliable voice and fax operation
- Large scale deployment and management



Voice Gateway with Router

- Intelligent call routing gateway solution for VoIP
- Route PSTN calls to a VoIP service provider
- Independent configurable dial plans
- Large-scale deployment and management





IP Telephony System

- IP PBX system with high-end features comparable to traditional large business voice services
- Up to sixteen (16) IP Phones per SPA9000 system plus 2 built-in FXS ports
- Powerful self-configuration capabilities enabled with Linksys IP Phones
- Works with most Internet Telephone Service Providers



1-Line IP Telephone

- Small, affordable, single line business class IP Phone
- Connect directly to an Internet telephone service provider or connect to an IP PBX
- Wall mount or table top phone
- Easy installation with secure remote provisioning. Menu based and web based configuration.





1-Line IP Telephone with 1 Ethernet Port and Hi-Res Display

- Full featured one-line business class IP Phone
- Connect directly to an Internet Telephone Service Provider or connect to an IP PBX
- Speakerphone, Caller ID, Call Hold, Transfer, Conferencing, and more
- Easy installation with secure remote provisioning. Menu based and web based configuration.

VoIP
Voice



1-Line IP Telephone with 2-Port Ethernet Switch, PoE and Hi-Res Backlit Display

- Full featured one-line business class IP Phone supporting Power over Ethernet 802.3af
- Connect directly to an Internet Telephone Service Provider or connect to an IP PBX
- Dual switched Ethernet ports, Speakerphone, Caller ID, Call Hold, Conferencing, and more
- Easy installation and secure remote provisioning. Menu based and web based configuration.

VoIP
Voice



2 or 4-Line IP Telephone with 1 Ethernet Port and Hi-Res Display

- Affordable and full featured two or four line business IP Phone
- Connect directly to an Internet Telephone Service Provider or connect to an IP PBX
- Up to four lines. Speakerphone, Caller ID, Call Hold, Transfer, Conferencing, and more
- Easy installation and secure remote provisioning. Menu based and web based configuration.

VoIP
Voice



2 or 4-Line IP Telephone with 2 Port Ethernet Switch, PoE and Hi-Res Backlit Display

- Full featured two or four line business IP Phone supporting Power over Ethernet 802.3af
- Connect directly to an Internet Telephone Service Provider or connect to an IP PBX
- Dual switched Ethernet ports, Speakerphone, Caller ID, Call Hold, Conferencing, and more
- Easy installation and secure remote provisioning. Menu based and web based configuration.

VoIP
Voice



Internet Telephony Gateway with 4 FXO Ports

- Functions as an analog line gateway for a Linksys Voice System VoIP Network
- Integrated voicemail application server with up to 32 voicemail accounts
- Perfectly suited to connect up to 4 analog lines
- Enables Linksys voice system users to leave and playback voicemail messages

Voip
Voice



Wall Mount Bracket for Linksys SPA900 Series IP Phones

- Mounting Bracket for Linksys IP Phones
- Enables a phone to be mounted on a wall
- Convenient tray to hold optional Wi-Fi or PoE dongle
- Universal design fits all Linksys SPA900 Series IP Phones

Voip
Voice



Wireless-G Bridge for Phone Adapters

- Put your Linksys IP Phone wherever you want, with no cabling hassle
- Connects your Linksys IP Phone to your Wireless-G network
- Shares power with the Linksys IP Phone — only one AC Adapter necessary
- Wireless connection protected by WEP, WPA or WPA2 encryption



5 Volt Power over Ethernet Splitter

- Simplifies your Linksys IP Phone installation by combining power and VoIP onto one cable
- Can also be use with many Linksys VoIP Products
- Works with a standard category 5 Ethernet cable
- Easy to install, no tools, no software



BUSINESS SERIES



Wireless-N Access Point with PoE

- RangeBooster (MIMO) technology for dramatically increased range
- SPI Firewall, Encryption, and VPN support makes your network secure
- Multiple BSSIDs and VLANs provide separate secure networks
- Enhanced QoS for both Wireless and wired provide improved quality voice/video



Wireless-N Notebook Adapter

- High-speed Wireless-N Notebook Adapter for your business
- MIMO technology uses multiple radios to create a robust signal that travels farther and reduces dead spots
- Significantly faster than Wireless-G, but can also connect to Wireless-G and -B networks
- Advanced wireless security using Wi-Fi Protected Access™ (WPA2) with up to 256-bit encryption, and New AP/Client detection gives your business the visibility and protection it needs



Wireless-N Gigabit Security Router with VPN

- Wireless-N offers greater speed and coverage than Wireless-G, while at the same time being backwards compatible with 802.11b and g devices
- SPI Firewall, and Intrusion Prevention secure the work from outside threats
- QuickVPN IPSec VPN tunnel support provides secure remote user connectivity
- Support for WMM provides improved QoS over wireless connections for better video and voice performance



Wireless-G VPN Router with RangeBooster

- SPI Firewall, Encryption, and VPN support makes your network secure
- Advanced security with WPA encryption, logging, and MAC address filtering
- Supports QoS over wireless connections for better video and voice performance
- QuickVPN IPSec VPN tunnel support provides secure remote user connectivity



Wireless-G VPN Broadband Router

- SPI Firewall, Encryption, and VPN support makes your network secure
- Advanced security with WPA encryption, logging, and MAC address filtering
- Supports QoS over wireless connections for better video and voice performance
- QuickVPN IPSec VPN tunnel support provides secure remote user connectivity



Wireless-G Access Point with Power over Ethernet

- Add high-speed Wireless-G access to your wired small business network
- Standards-based PoE (IEEE 802.3af) or External DC power
- Data rates up to 54Mbps in Wireless-G (802.11g) mode, or 11Mbps in Wireless-B (802.11b)
- Multiple SSID to VLAN mapping support keeps your traffic separated



Wireless-G Exterior Access Point with Power over Ethernet

- Add high-speed Wireless-G access to the exterior areas of your wired home or small business network
- Data rates up to 54Mbps in Wireless-G (802.11g) mode, or 11Mbps in Wireless-B (802.11b)
- Weather-proof housing, internal high-gain antenna, and Power over Ethernet enable safe, simple, exterior installations
- Advanced security with WPA encryption, logging, and MAC address filtering



Power over Ethernet Adapter Kit

- Simplifies your wireless installations by combining power and data onto one cable
- Eliminates cost and hassle of running AC power to wall- or ceiling-mounted network devices
- Works with standard Category 5 Ethernet cables
- Easy installation — no tools, no software



Wireless-G PTZ Internet Camera with Audio

- Sends high-quality live video to your network wirelessly. Pan/Tilt/Zoom gives flexible control remotely from a Web Browser
- Capacity to view images even in low light environments
- Automatically sends email alerts with video clips upon motion detection
- Supports up to ten simultaneous remote users



VPN Router with 16-, 8-, or 4-Port Switch

- Securely connects remote office or traveling users to your office network via VPN
- Features multiple Internet ports for load balancing and connection redundancy
- Integrated Stateful Packet Inspection (SPI) Firewall makes a network secure
- Prioritizes traffic providing reliable voice, data and video traffic



4-Port SSL/IPSec VPN Router

- Integrated Stateful Packet Inspection (SPI) Firewall makes a network secure
- SSL VPN tunnels provide secure remote user connectivity
- Web based interface gives simplified configuration while SNMP provide additional management
- QoS provide improved voice/video quality



Gigabit Security Router

- Gigabit networking to support high-bandwidth applications
- SPI Firewall, and Intrusion Protection secure the work from outside threats
- QuickVPN IPSec VPN tunnel support provides secure remote user connectivity
- QoS provide improved quality voice/video quality



Desktop 10/100 Switches

- Autosensing 10/100 switched ports with auto MDI/MDI-X crossover detection
- Forwards packets at non-blocking, full wire speed
- Compact size fits into any environment -- includes wall-mount slots
- Address Learning and Aging, and Data Flow Control for enhanced transmission reliability
- Linksys reliability and limited lifetime warranty



16- or 24-Port 10/100 Switches

- Autosensing 10/100 full duplex, auto MDI/MDI-X ports
- Forwards packets at non-blocking, full wire speed
- Address Learning and Data Flow Control for transmission reliability
- Linksys reliability and limited lifetime warranty



5- or 8-Port 10/100/1000 Gigabit Switches

- 10/100/1000Mbps, half/full duplex, switched ports
- Forwards and filters packets at non-blocking, full wire speed
- All ports have auto speed negotiation and auto MDI/MDI-X crossover detection
- Linksys reliability and limited lifetime warranty



24-Port 10/100/1000 Gigabit Switch

- 24-port Gigabit switch with 2 Mini-GBIC expansion ports in a compact form factor
- Forwards and filters packets at non-blocking, full wire speed
- All ports have auto speed negotiation and auto MDI/MDI-X crossover detection
- Linksys reliability and limited lifetime warranty



8-Port 10/100 Ethernet Switch with WebView 100 Base-L Uplink, or with WebView and Expansion Slots

- Simplified, web based user management for more intelligent networking. Forwards and filters packets at non-blocking, full wire speed
- 802.1x port authentication and MAC address filtering brings network security down to the switch port level
- Advance QoS enables the network to be optimized for your networked applications, including voice, video and data storage
- Rate limiting, policing, shaping, and multicast support provide advanced traffic management



24-port 10/100 + 2-Port Gigabit Switch with Power over Ethernet (PoE) and WebView

- Delivers reliable Power over Ethernet ports using IEEE 802.3af standard
- Simplified, web based user management for more intelligent networking. Forwards and filters packets at non-blocking, full wire speed.
- 802.1x port authentication and MAC address filtering brings network security down to the switch port level
- Advance QoS enables the network to be optimized for your networked applications, including voice, video and data storage
- Rate limiting, policing, shaping, and multicast support provide advanced traffic management



Managed Switches with Power over Ethernet

- Delivers reliable Power over Ethernet ports using IEEE 802.3af standard
- Simplified, web based user management for more intelligent networking. Forwards and filters packets at non-blocking, full wire speed.
- 802.1x port authentication and MAC address filtering brings network security down to the switch port level
- Advance QoS enables the network to be optimized for your networked applications, including voice, video and data storage
- Rate limiting, policing, shaping, and multicast support provide advanced traffic management



8-, 16-, 24- & 48-Port 10/100/1000 Gigabit Switch with WebView

- Simplified, web based user management for more intelligent networking. Forwards and filters packets at non-blocking, full wire speed
- 802.1x port authentication and MAC address filtering brings network security down to the switch port level
- Advance QoS enables the network to be optimized for your networked applications, including voice, video and data storage
- Rate limiting, policing, shaping, and multicast support provide advanced traffic management



24- or 48-port 10/100 + 4-Port Gigabit Switch with WebView

- Simplified, web based user management for more intelligent networking. Forwards and filters packets at non-blocking, full wire speed
- 802.1x port authentication and MAC address filtering brings network security down to the switch port level
- Advance QoS enables the network to be optimized for your networked applications, including voice, video and data storage
- Rate limiting, policing, shaping, and multicast support provide advanced traffic management



EtherFast Network Attached Storage (120 or 250GB with PrintServer)

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



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



Linksys One Services Router with 16-Port 10/100 LAN

- Enables Linksys One voice product services including QoS, VLAN, SIP ALG and IEEE PoE
- Provides auto-discovery and auto-configuration of Linksys One devices, including IP phones
- Two 10/100 full duplex WAN ports, two 10/100/1000 expansion ports
- Sixteen 10/100 full duplex, auto-sensing MDI/MDI-X LAN ports



Linksys One Manager Phone

- Simple, automated installation with Linksys One Services Routers
- High-resolution, color, backlit display, full-duplex speakerphone
- Two port 10/100 switch with ability to accept IEEE802.3af PoE
- Integrated call processing features with security, management, QoS



Linksys One Analog Voice Gateway, 1FXS, 1FXO

- Simple, automated installation with Linksys One Services Routers
- One analog phone or FAX connection, one analog connection to the public telephone network
- Accepts IEEE802.3af PoE from connected Linksys One switch port
- Integrated call processing features with security, management, QoS



Wired IP Phone Business Set

- Simple, automated installation with Linksys One Services Routers
- Monochrome, graphical blue backlit display, 24 feature buttons, full-duplex speakerphone
- Two port 10/100 switch with ability to accept IEEE802.3af PoE powered by upstream switch (SVR3000)
- Integrated call processing features with voice mail, automated attendant, and phone applications



Linksys One Analog Gateway, 3 FX0

- Simple, automated installation with Linksys One Services Routers
- Provides three simultaneous analog connections to the public telephone network
- Accepts IEEE 802.3af PoE from connected Linksys One switch port
- Integrated call processing features with security, management, QoS



**Linksys One Analog Voice Gateway,
2 FXS**

- Simple, automated installation with Linksys One Services Routers
- Provides two simultaneous analog connections to FAX machines or analog phone stations
- Accepts IEEE 802.3af PoE from connected Linksys One switch port
- Integrated call processing features with security, management, QoS



**Wall Mount Bracket for
Linksys One Phones**

- Sturdy Metal Design
- Integrated locking mechanism secures to the wall

Wireless Made Simple

LINKSYS®
Easy Toolkit



Easy Start

Easy Security

Easy Everyday

Includes:

Intel®
Smart Wireless Solutions

WPA2 Security

Nobody Makes Networking Easier

The Linksys Easy Toolkit makes Wireless Networking:

- Easy to Setup
- Easy to Implement Security
- Easy to Use Everyday

Award Winning

North American Awards



International Awards



Notes

*RangeMark and SpeedMark are Linksys
RELATIVE performance measures based
on the range and speed of a standard
Wireless-G product from Linksys.

Notes



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