

# EtherFast® Cable/DSL Router

with **QoS**

With Built-In 8-Port 10/100 Switch for Sharing High-Speed Internet Access



Instant Broadband™ Cable/DSL Router (BEFSR81)

## Benefits

- Build a Broadband Network in Your Home or Small Office
- Provides Port Security, Packet Filtering, and Filters Internal User's Access
- QoS Capabilities Reduce the Chance of Data Loss and Allow for Port-Based Prioritization
- Access the Internet Over Your Entire Network With Just One IP Address
- NAT Firewall Protects Your PCs From Unwanted Outside Intruders on the Internet
- Remote Administration Over the Internet
- Free Technical Support—24 Hours a Day, 7 Days a Week in North America Only
- 1-Year Limited Warranty

*With a Built-In 8-Port 10/100 Switch for Sharing High-Speed Internet Access*

**D**o you find Internet sharing software to be nothing but a hassle? Can't find a simple and inexpensive way to share your one Internet IP address over your entire network? If so, then the Linksys Instant Broadband Cable/DSL Router is exactly what you're looking for.

The Instant Broadband EtherFast® Cable/DSL Router from Linksys offers the perfect solution for connecting up to 253 of your PCs to a high-speed broadband Internet connection and a 10/100 Fast Ethernet backbone. Configurable as a DHCP server for your network, the EtherFast® Cable/DSL Router acts as the only externally recognized Internet gateway on your local area network (LAN). The Router can also be configured via SNMP to filter internal users' access to the Internet and serve as a NAT firewall against unwanted outside intruders on the Internet.

The Cable/DSL Router features advanced functions such as dynamic and static port routing, DMZ hosting, filtering and forwarding, and Quality of Service capabilities. All of these functions can be easily configured through your networked PC's web browser.

## Features

- Provides Port Security, Packet Filtering, and Filters Internal User's Access
- Identifies Up to Four Ports for High or Low Port-Based Prioritization
- QoS Capabilities Based on IEEE 802.1p and IP TOS/DS Greatly Reduces the Chance of Data Loss Based on Weighted Round-Robin (WRR)
- Dramatically Speed Up Your Gaming and Multimedia Connections With the Internal Switch
- Full Wirespeed Layer Two Switching on All LAN Ports
- 1K MAC Address Table Means Both Auto Address Learning and Aging
- Configurable Through A Networked PC's Web Browser
- Acts as a DHCP Server For Your Network
- Administrators Can Block Specific Internal Users' Internet Access with Filtering
- Supports WinSock 2.0 and Windows 2000 Smart Applications
- Free Technical Support—24 Hours a Day, 7 Days a Week in North America Only
- 1-Year Limited Warranty

## Specifications

<b>Model Number:</b>	BEFSR81
<b>Standards:</b>	IEEE 802.3, IEEE 802.3u, IEEE 802.1p
<b>Protocol:</b>	CSMA/CD
<b>Ports:</b>	LAN: Eight 10/100 RJ-45 Ports WAN: One 10BaseT Port
<b>Cabling Type:</b>	<b>10BaseT:</b> UTP Category 3 or Better <b>100BaseTX:</b> UTP Category 5 or Better
<b>Topology:</b>	Star
<b>Speed:</b>	LAN: 10Mbps (10BaseT Ethernet) or 100Mbps (100BaseTX Fast Ethernet) WAN: 10Mbps (10BaseT Ethernet)
<b>LEDs:</b>	Power LAN: QoS, Link/Act, Full/Col, 100 WAN: Diag, Act, Link

## Environmental

<b>Dimensions:</b>	7.31" x 6.16" x 1.88" (186mm x 154mm x 48mm)
<b>Unit Weight:</b>	17.8 oz. (0.5 Kg)
<b>Power:</b>	External, 5V DC, 3A
<b>Certifications:</b>	FCC Class B, CE Mark Commercial
<b>Operating Temp:</b>	0°C to 40°C (32°F to 104°F)
<b>Storage Temp:</b>	-20°C to 70°C (-4°F to 158°F)
<b>Operating Humidity:</b>	10% to 85% Non-Condensing
<b>Storage Humidity:</b>	5% to 90% Non-Condensing

## Package Contents

### Instant Broadband EtherFast® Cable/DSL Router

- One Instant Broadband™ Cable/DSL Router
- One AC Adapter and Power Cord
- One User Guide and Registration Card

**Model Number: BEFSR81**

### Linksys

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<b>Technical Support</b>	(800) 326-7114 (949) 261-1288 (949) 261-8868
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