

The heart of your connection-redundant secure small office network

The Linksys 10/100 8-Port VPN Router is an advanced Internet-sharing network solution for your small business needs. Like any router, it lets multiple computers in your office share an Internet connection. But the unique dual Internet ports on the 10/100 8-Port VPN Router let you connect a second Internet line as a backup to insure that you are never disconnected. Or, you can use both Internet ports at the same time, and let the router balance your office's requirements between them for maximum bandwidth efficiency.

The 10/100 8-Port VPN Router also features a built-in 8-port full-duplex 10/100 Ethernet switch to connect eight PCs directly, or you can connect more hubs and switches to create as big a network as you need.

The Virtual Private Network (VPN) capability creates encrypted "tunnels" through the Internet, allowing up to 100 remote office or traveling users to securely connect into your office network from off-site. Users connecting through a VPN tunnel are attached to your company's network—with secure access to files, e-mail, and your intranet—just as if they were in the building. You can also use the VPN capability to allow users on your small office network to securely connect out to a corporate network.

The 10/100 8-Port VPN Router can serve as a DHCP server, and has a powerful SPI firewall to protect your PCs against intruders and most known Internet attacks. It can be configured to filter internal users' access to the Internet and has IP address filtering so you can specify exactly who has access to your network. Configuration is a snap with the web browser-based configuration utility.

As the heart of your small office network, the connection-redundant Linksys 10/100 8-Port VPN Router gives you the connection reliability your business needs.

A high-reliability Internet connection-sharing router and 8-port switch for small business

Features dual Internet ports for load balancing and connection redundancy

Securely connects up to 100 remote office or traveling users to your office network via VPN

Advanced SPI firewall protects your PCs from most known Internet attacks. The router also supports Dynamic URL Filtering and Email Scanning services from Trend Micro as optional services



RV082

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BUSINESS SERIES

10/100 8-Port VPN Router

Features

- Stateful Packet Inspection Firewall for maximum security
- 2 dedicated WAN ports for load balanced connectivity to the Internet
- 8-Port 10/100 Switch supports Auto-MDI/MDIX and up to 200 Mbps of throughput per port
- IP filtering allows for restricted access to the Internet and other network resources
- Full IPSec Virtual Private Network (VPN) capability using DES and 3DES encryption algorithms
- Support for MD5 and SHA authentications algorithms
- Create up to 100 simultaneous IPSec VPN tunnels
- Management via web, SNMP, and setup wizards make setup easy for administrators
- Bandwidth management capabilities for improved QoS
- Supports up to 50 QuickVPN users

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10/100 8-Port VPN Router

Specifications

Model	RV082 10/100 8-Port VPN Router
Standards	IEEE 802.3, 802.3u
Ports	8 10/100 RJ-45 ports, 1 10/100 RJ-45 Internet port, 1 10/100 RJ-45 DMZ/Internet port
Buttons	Reset
Cabling Type	Category 5 Ethernet
LEDs	System, Internet, DMZ/Internet, DMZ Mode, Diag, 1-8
UPnP able/cert	Cert
Security Features	SPI firewall, DES, 3DES and AES encryption for IPSec VPN tunnel
Operating System	Linux

Performance

NAT Throughput	200 Mbps
IPSec Throughput	97 Mbps

Security

Firewall	SPI firewall
DoS Prevention	Block various Denial of Service attacks
Access Rules	Up to 50 entries
Port Forwarding	Up to 30 entries
Port Triggering	Up to 30 entries
Blocking	Java, Cookies, ActiveX, HTTP Proxy
URL Filtering	Static list by domain or keywords (included), Dynamic Filtering through Linksys/Trend Micro ProtectLink Gateway services (optional)

Network

Dual WANS	Can be configured for Smartlink Backup or load balancing
WAN Type	DHCP, Static IP, PPPoE, PPTP, Telstra BigPond, Dynamic DNS
Protocol Binding	Protocols can be bound to a particular WAN port under Load Balancing
DHCP	DHCP server, DHCP client, DHCP relay
DNS	DNS Proxy, Dynamic DNS (DynDNS, 3322, PeanutHull)
NAT	Many-to-One, One-to-One
DMZ	DMZ port, DMZ host
Routing	Static and RIP v1, v2

Quality of Service

Port-based QoS	Configurable per LAN port
Service based QoS	Supports Rate Control or Priority
Rate Control	Upstream/Downstream bandwidth can be configured per service
Priority	Each service can be mapped to one of the 3 priority levels

VPN

IPSec	100 IPSec tunnels for branch office connectivity
QuickVPN	50 QuickVPN users for remote client access
PPTP	Built-in PPTP server supporting 5 PPTP clients
Encryption	DES, 3DES, AES-128, AES-192, AES-256
Authentication	MD5, SHA1
IKE	Support Internet Key Exchange
IPSec NAT-Traversal	Supported for Gateway-to-Gateway and Client-to-Gateway tunnels
Advanced Options	DPD, Split DNS, VPN backup
VPN Pass-through	PPTP, L2TP, IPSec

Management

Web-based	HTTPS, SSL
SNMP	Supports SNMP v1 and v2c
Log/Monitoring	Syslog, Email Alert, VPN tunnels status monitor

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Environmental

Dimensions	11" x 1.75" x 9.50"
W x H x D	(279.4 x 44.45 x 241.3 mm)
Weight	3.25 lb (1.475 kg)
Power	AC 100~240V, 50~60 Hz
Certification	FCC Class B, CE Class B
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	32 to 158°F (0 to 70°C)
Operating Humidity	10 to 85%, Noncondensing
Storage Humidity	5 to 90%, Noncondensing

Package Contents

- One RV082 10/100 8-Port VPN Router
- One AC power cable
- One Setup CD with User Guide in PDF format and QuickVPN Client software
- One registration card
- Rackmounting kit

Minimum Requirements

- Broadband connection for Internet connection sharing
- Network adapter with Ethernet network cable and TCP/IP protocol installed per PC
- Web-based configuration Java/Cookies/SSL-Enabled web browser

Warranty

- 3 Years

Check the product package and contents for specific features supported. Specifications are subject to change without notice.



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Model: **RV082**