

## The heart of your connection-redundant secure small office network

The Linksys 10/100 16-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 16 ports on this router feature unprecedented versatility. Two are dedicated Internet ports that let you connect a second Internet line as a backup to ensure that you're 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.

Not enough? Up to 5 of the 13 full-duplex switched 10/100 Ethernet ports can be reconfigured as Internet ports, for an up to 7-port failover or load balanced redundancy! Finally, a dedicated DMZ port gives you a publicly accessible channel so you can set up a web or FTP server, unimpeded by the powerful security features of the router.

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 16-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 also supports the Linksys ProtectLink Gateway services from Trend Micro that enable you to dynamically block unwanted or unsafe URLs and emails. 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 16-Port VPN Router gives you the connection reliability your business needs.

A high-reliability Internet connection-sharing 16-port router for small business

2 WAN ports, 1 DMZ, and 13 10/100 switch ports — up to 5 can be used as extra WAN 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



RV016

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BUSINESS SERIES

# 10/100 16-Port VPN Router

## Features

- Stateful Packet Inspection Firewall for maximum security
- 16-Port 10/100 Switch supports Auto-MDI/MDIX and up to 200 Mbps of throughput per port, 5 out of the 16-ports can be configured as WAN/LAN ports
- 2 dedicated WAN ports for load balanced connectivity to the Internet
- Dynamic URL and email scanning through Linksys ProtectLink Gateway services from Trend Micro (optional)
- Full IPSec Virtual Private Network (VPN) capability using DES and 3DES encryption
- 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 16-Port VPN Router

## Specifications

Model	RV016 10/100 16-Port VPN Router
Standards	IEEE 802.3, 802.3u
Ports	16 10/100 RJ-45 ports, including 2 Internet ports, 1 DMZ port, 8 LAN ports, and 5 configurable Internet/LAN ports
Buttons	Reset
Cabling Type	Category 5 Ethernet
LEDs	Diag, System, LAN/Act 1-13, Internet/Act 1-7, DMZ
UPnP able/cert	Cert
Operating System	Linux

## Performance

NAT Throughput	200 Mbps
IPSec Throughput	97 Mbps

## Security

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

## Network

Multi-WANs	Supports up to 7 WAN ports with load balancing, where certain WAN ports can be dedicated to specified IP ranges and services
WAN Type	DHCP, Static IP, PPPoE, PPTP, Telstra BigPond, Dynamic DNS
Protocol Binding	Protocols can be bound to a particular WAN port
DHCP	DHCP server, DHCP client
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 10 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
Dead Peer Detection	Support for DPD
VPN Pass-through	PPTP, L2TP, IPSec

## Management

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

## 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 RV016 10/100 16-Port VPN Router
- One AC power cable
- One CD with User Guide in PDF format and QuickVPN Client
- 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

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Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our worldwide website at [www.linksys.com](http://www.linksys.com)

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



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Model: **RV016**