Cisco RV130 VPN Router – Without Web Filtering

Business-Class Features in an Affordable Router

Product Overview

The Cisco RV130 VPN Router is an affordable, easy-to-use device that combines high-performance network connectivity to multiple offices and remote employees with essential business-class features. These include Gigabit Ethernet, Quality of Service, IPv6 support, and advanced security, the features you need to successfully build your small business network.

Features and Benefits

- High-performance Gigabit Ethernet ports, enabling large file transfers and multiple users
- USB port for 3G/4G modem failover or alternative primary connectivity
- IP Security (IPsec) site-to-site VPN helps enables secure connectivity for remote employees and multiple offices
- Strong security: Proven stateful packet inspection (SPI) firewall and hardware encryption
- Easy to set up and use with wizard-based configuration

As business applications become more powerful and complex, they are also increasing demands on your network. To stay productive and keep in touch with customers, business partners, and colleagues, your employees need reliable, high-performance connectivity - inside and outside the office.

The Cisco RV130 VPN Router delivers highly secure broadband connectivity and remote access for multiple offices and remote workers. Designed specifically for small businesses, it delivers a comprehensive combination of business-class features and ease of use in one affordable solution.

The Cisco RV130 features a built-in 4-port Gigabit Ethernet managed switch that lets you connect network devices and transfer files and data at high speed. Intelligent quality of service (QoS) features let you prioritize network traffic to keep critical network applications like voice and video running at their best.

To help you connect remote users or additional offices, the Cisco RV130 offers enterprise-class encryption and authentication, including support for IPsec and Point-to-Point Tunneling Protocol (PPTP) VPN client connections and IPsec gateway-to-gateway VPN tunnels. The RV130 also features a USB port for 3G/4G Broadband failover or for alternative uses can be used for primary connectivity.

Easy to set up and use right out of the box, the router features a simple wizard-based configuration to get you up and running in minutes.

With the Cisco RV130 VPN Router, you can take advantage of enterprise-class performance, security, and reliability - at a price your small business can afford.

Product Specifications

Table 1 lists the product specifications for the Cisco RV130.

Table 1.   Product Specifications

Specifications	Description
Standards	IEEE, 802.3, 802.3u, 802.1D, 802.1p, 802.1w (Rapid Spanning Tree), 802.1Q (VLAN), IPv4 (RFC 791), IPv6 (RFC 2460), Routing Information Protocol (RIP) v1 (RFC 1058), RIP v2 (RFC 1723)
Ports	LAN, WAN, USB
Switch	Power button (on/off)
Buttons	Reset
Cabling type	Category 5e or better
LEDs	Power, VPN, USB, WAN, LAN (ports 1-4)
Operating system	Linux
Network	
Network Protocols	- Dynamic Host Configuration Protocol (DHCP) server - Point-to-Point Protocol over Ethernet (PPPoE) - Point-to-Point Tunneling Protocol (PPTP) - Layer 2 Tunneling Protocol (L2TP) - DNS proxy - DHCP relay agent - IGMP Proxy and multicast forwarding - Rapid Spanning Tree Protocol (RSTP) - Dynamic Domain Name System (TZO, DynDNS, 3322.org, NOIP) - Network Address Translation (NAT), Port Address Translation (PAT) - One-to-One NAT - Port management - Port mirroring - Software configurable DMZ to any LAN IP address - Session Initiation Protocol (SIP) Application Layer Gateways (ALG)
LAN	Four (4) 10/100/1000 Mbps Gigabit LAN ports with managed switch
WAN	One (1) 10/100/1000 Mbps Gigabit WAN port
Routing Protocols	- Static routing - Dynamic routing - RIP v1 and v2 - Inter-VLAN routing
Network Address Translation (NAT) Protocol	Port Address Translation (PAT), Network Address Port Translation (NAPT)
VLAN Support	Port-based and 802.1Q tag-based VLANs
Number of VLANs	5 active VLANs (3-4096 range)
IPv6	- Dual-stack IPv4 and IPv6 6to4 tunneling - Stateless address auto-configuration - DHCPv6 Server for IPv6 Clients on LAN - DHCP v6 client for WAN connectivity - Internet Control Message Protocol (ICMP) v6 - Static IPv6 Routing - Dynamic IPv6 Routing with RIPng

Specifications	Description
Network Edge (DMZ)	Software configurable to any LAN IP address
Layer 2	802.1Q-based VLANs, 5 active VLANs
Security	
Firewall	Stateful packet inspection (SPI) firewall, port forwarding and triggering, denial-of-service (DoS) prevention, software-based DMZ DoS attacks prevented: ● SYN Flood ● Echo Storm ● ICMP Flood ● UDP Flood ● TCP Flood Block Java, Cookies, ActiveX, HTTP Proxy
Access Control	IP access control lists
Content Filtering	Static URL blocking or keyword blocking
Secure Management	HTTPS, username/password complexity
User Privileges	2 levels of access: admin and guest
VPN	
Gateway-to-gateway IPsec VPN	10 gateway-to-gateway IPsec tunnels
Client-to-gateway IPsec VPN	10 client-to-gateway IPsec tunnels using TheGreenBow and ShrewSoft VPN client
PPTP VPN	10 PPTP tunnels for remote client access
Encryption	Triple Data Encryption Standard (3DES), Advanced Encryption Standard (AES)
Authentication	MD5/SHA1
VPN Pass-through	IPsec/PPTP/Layer 2 Tunneling Protocol (L2TP) pass-through
Quality of Service	
QoS	● 802.1p port-based priority on LAN port, application-based priority on WAN port ● 3 queues ● Differentiated Services Code Point support (DSCP) ● Class of Service (CoS) ● Bandwidth Management for service prioritization
Jumbo Frame Support	● Supports Jumbo Frame on Gigabit ports-at least 1536B
Performance	
NAT Throughput	800 Mbps
Concurrent Sessions	12,000
IPsec VPN Throughput (3DES/AES)	50 Mbps
Configuration	
Web User Interface	Simple, browser-based configuration (HTTP/HTTPS)
Management	
Management Protocols	Web browser, Simple Network Management Protocol (SNMP) v3, Bonjour, Universal Plug and Play (UPnP)
Event Logging	Local, syslog, email alerts
Network Diagnostics	Ping, Traceroute, and DNS Lookup
Upgradability	Firmware upgradable through web browser, imported/exported configuration file
System Time	Supports NTP, daylight savings, manual entry
Languages	GUI supports English, French, Italian, German, and Spanish

Specifications	Description
Environmental	
Power	12V 2A
Certifications	FCC class B, CE, IC
Operating Temperature	0° to 40°C (32° to 104°F)
Storage Temperature	-20° to 70°C (-4° to 158°F)
Operating Humidity	10 to 85 percent noncondensing
Storage Humidity	5 to 90 percent noncondensing

Warranty Information

This Cisco Small Business product comes with a limited lifetime hardware warranty. Product warranty terms and other information applicable to Cisco products are available at http://www.cisco.com/go/warranty.

Cisco Small Business Support Service

The Small Business Support Service is a device-level service agreement that expands and enhances the technical support exclusively for Cisco Small Business Products. Buying the service extends phone support to three years; adds next-business-day, advance product replacement; and expands Cisco phone support from eight hours, five days a week to 24-hours, seven days a week.

Ordering Information

To place an order, visit the Cisco Ordering Home Page.

Table 2.   Ordering Information

Part Number	Product Name	Countries
RV130-K9-NA	Cisco RV130 VPN Router	Unites States, Canada, Brazil, Mexico
RV130-K9-G5		EU, Russia, India, Korea, Hong Kong, Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam
RV130- K9-AR		Argentina
RV130-K9-CN		China
RV130-K9-AU		Australia, New Zealand

Cisco Capital

Financing to Help You Achieve Your Objectives

Cisco Capital can help you acquire the technology you need to achieve your objectives and stay competitive. We can help you reduce CapEx. Accelerate your growth. Optimize your investment dollars and ROI. Cisco Capital financing gives you flexibility in acquiring hardware, software, services, and complementary third-party equipment. And there's just one predictable payment. Cisco Capital is available in more than 100 countries. Learn more.

For More Information

To download software, visit the Cisco Software Center.

For more information on the RV130 VPN Router, visit http://www.cisco.com/go/rv130.

For more information on Cisco Small Business products and solutions, visit: http://www.cisco.com/smallbusiness.

For Cisco Small Business Support Service features and more information, visit: http://www.cisco.com/go/sbs.