

Cisco Small Business RV320 and RV325 Dual Gigabit WAN VPN Routers

Product Overview

Network connectivity is at the heart of every small business, and secure access, firewall protection, and high performance are the cornerstones of every Cisco® Small Business RV Series Router.

The Cisco RV320 and RV325 Dual Gigabit WAN VPN Routers are no exception. Featuring intuitive user interfaces, they will have you up and running in mere minutes. These capable routers provide reliable, highly secure connectivity for you and your employees and work so well that you won't even know the router is there.

Figure 1. Cisco RV320 and RV325 Dual Gigabit WAN VPN Routers



Features and Benefits

- Dual Gigabit Ethernet WAN ports for load balancing and/or business continuity
- High-performance Gigabit Ethernet ports, enabling large file transfers and multiple users
- Dual USB ports for storage and 3G/4G modem failover
- SSL VPN and site-to-site VPN enable highly secure connectivity, making the Cisco RV320 and RV325 perfect 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

In an ever-changing business environment, your small business network has to be powerful, flexible, accessible, and highly reliable, especially when growth is a high priority. Your network must also be able to adapt cost-effectively to these growth spurts. The Cisco RV320 and RV325 Dual Gigabit WAN VPN Routers are the choice for any network in which performance, security, reliability, and adaptability top the list of requirements. Both support two connections to one service provider, delivering high performance by using load balancing, or to two different providers to deliver business continuity. High-capacity virtual private networks (VPNs) connect multiple offices and enable dozens of employees to access the information they need from any geographic location just as securely as if they were working at your main office.

Product Specifications

Table 1 lists the product specifications for the Cisco RV320 and RV325.

Table 1. Product Specifications

Description	Specification
Dual WAN	<ul style="list-style-type: none"> • Dual Gigabit Ethernet Ports • Failover • Load balancing
Standards	<ul style="list-style-type: none"> • 802.3, 802.3u • IPv4 (RFC 791) • IPv6 (RFC 2460)
WAN connectivity	<ul style="list-style-type: none"> • Dynamic Host Configuration Protocol (DHCP) server, DHCP client, DHCP relay agent • Static IP • Point-to-Point Protocol over Ethernet (PPPoE) • Point-to-Point Tunneling Protocol (PPTP) • Transparent bridge • DNS relay, Dynamic DNS (DynDNS, 3322) • IPv6
Routing protocols	<ul style="list-style-type: none"> • Static • Routing Information Protocol (RIP) v1, v2, and RIP for IPv6 (RIPng)
Network Address Translation (NAT)	<ul style="list-style-type: none"> • Port Address Translation (PAT) • One-to-one NAT • NAT traversal
Protocol binding	Protocols can be bound to a specific WAN port for load balancing
Network edge (DMZ)	DMZ port DMZ host
Dual USB ports	3G/4G modem support
Security	
Firewall	<ul style="list-style-type: none"> • SPI firewall • Denial of service (DoS), ping of death, SYN flood, land attack, IP spoofing, email alert for hacker attack
Access rules	<ul style="list-style-type: none"> • Schedule-based access rules • Up to 50 entries
Port forwarding	Up to 30 entries
Port triggering	Up to 30 entries
Blocking	Java, cookies, ActiveX, HTTP proxy
Content filtering	Static URL blocking or keyword blocking
Secure management	<ul style="list-style-type: none"> • HTTPS web access to device manager • Username/password complexity enforcement
VLAN	802.1Q VLAN RV320: 7 VLANs supported RV325: 17 VLANs supported
VPN	
IP Security (IPsec)	<ul style="list-style-type: none"> • 25 IPsec site-to-site tunnels for branch office connectivity • 25 IPsec VPN tunnels via Cisco VPN client and third-party clients such as "TheGreenBow" for remote access VPN connectivity
SSL VPN	10 SSL VPN tunnels for remote client access
PPTP	10 PPTP tunnels for remote access
Encryption	<ul style="list-style-type: none"> • Data Encryption Standard (DES) • Triple Data Encryption Standard (3DES) • Advanced Encryption Standard (AES) encryption: AES-128, AES-192, AES-256
Authentication	MD5/SHA1 authentication

Description	Specification
IPsec NAT traversal	Supported for gateway-to-gateway and client-to-gateway tunnels
VPN pass-through	PPTP, Layer 2 Tunneling Protocol (L2TP), IPsec
Advanced VPN	<ul style="list-style-type: none"> • Dead peer detection (DPD) • Split DNS • VPN backup • Internet Key Exchange (IKE) with certificate
Quality of Service (QoS)	
Prioritization types	Application-based priority on WAN 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 3 priority levels
Performance	
NAT throughput	900 Mbps
IPsec VPN throughput	100 Mbps
SSL VPN throughput	20 Mbps
Concurrent connections	RV320: 20,000 RV325: 40,000
Configuration	
Web user interface	Simple browser-based device manager (HTTP/HTTPS)
Management	
Management protocols	<ul style="list-style-type: none"> • Web browser (HTTP/HTTPS) • Simple Network Management Protocol (SNMP) v1, v2c, and v3 • Bonjour
Event logging	<ul style="list-style-type: none"> • Local log • Syslog • Email alert • Short Message Service (SMS)
Upgradability	<ul style="list-style-type: none"> • Firmware upgradable through web browser • Imported/exported configuration file

System Specifications

Table 2 lists the system specifications for the Cisco RV320 and RV325.

Table 2. System Specifications

Description	Specification
Product dimensions (W x H x D)	RV320: 206 x 132 x 44 mm (8.1 x 5.2 x 1.7 in) RV325: 243 x 177 x 45 mm (9.6 x 7 x 1.8 in)
Ports	RV320: Four 10/100/1000 RJ-45 ports, one 10/100/1000 RJ-45 Internet port, one 10/100/1000 RJ-45 DMZ/Internet port RV325: Fourteen 10/100/1000 RJ-45 ports, one 10/100/1000 RJ-45 Internet port, one 10/100/1000 RJ-45 DMZ/Internet port
Power supply	RV320: 12V 1.5A RV325: 12V 2A
Certification	FCC Class B, CE Class B, UL, cUL, CB, CCC, BSMI, KC, Anatel, GOST
Operating temperature	0° to 40°C (32° to 104°F)
Storage temperature	0° to 70°C (32° to 158°F)
Operating humidity	10% to 85% noncondensing
Storage humidity	5% to 90% 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 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 3. Ordering Information

Product Name	Part Number	Country – Power Plug	Service Plan	Service Part Number
RV320 Dual WAN VPN Router	RV320-K9-NA	North America	Cisco Small Business Support Service, 3YR, 24x7 phone support, next-business-day advance product replacement	CON-SBS-SVC2
	RV320-K9-G5	EU, Singapore, India, Thailand, Taiwan		
	RV320-K9-AU	Australia		
	RV320-K9-CN	China		
	RV320-K9-AR	Argentina		
RV325 Dual WAN VPN Router	RV325-K9-NA	North America		
	RV325-K9-G5	EU, Singapore, India, Thailand, Taiwan		
	RV325-K9-AU	Australia		
	RV325-K9-CN	China		
	RV325-K9-AR	Argentina		

For More Information

To download software, visit the [Cisco Software Center](#).

For more information on the RV320 Dual WAN VPN Router, visit www.cisco.com/go/rv320.

For more information on the RV325 Dual WAN VPN Router, visit www.cisco.com/go/rv325.

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

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



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