

# 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
<b>Dual WAN</b>	<ul style="list-style-type: none"> <li>Dual Gigabit Ethernet Ports</li> <li>Failover</li> <li>Load balancing</li> </ul>
<b>Standards</b>	<ul style="list-style-type: none"> <li>802.3, 802.3u</li> <li>IPv4 (RFC 791)</li> <li>IPv6 (RFC 2460)</li> </ul>
<b>WAN connectivity</b>	<ul style="list-style-type: none"> <li>Dynamic Host Configuration Protocol (DHCP) server, DHCP client, DHCP relay agent</li> <li>Static IP</li> <li>Point-to-Point Protocol over Ethernet (PPPoE)</li> <li>Point-to-Point Tunneling Protocol (PPTP)</li> <li>Transparent bridge</li> <li>DNS relay, Dynamic DNS (DynDNS, 3322)</li> <li>IPv6</li> </ul>
<b>Routing protocols</b>	<ul style="list-style-type: none"> <li>Static</li> <li>Routing Information Protocol (RIP) v1, v2, and RIP for IPv6 (RIPng)</li> </ul>
<b>Network Address Translation (NAT)</b>	<ul style="list-style-type: none"> <li>Port Address Translation (PAT)</li> <li>One-to-one NAT</li> <li>NAT traversal</li> </ul>
<b>Protocol binding</b>	Protocols can be bound to a specific WAN port for load balancing
<b>Network edge (DMZ)</b>	DMZ port DMZ host
<b>Dual USB ports</b>	3G/4G modem support
<b>Security</b>	
<b>Firewall</b>	<ul style="list-style-type: none"> <li>SPI firewall</li> <li>Denial of service (DoS), ping of death, SYN flood, land attack, IP spoofing, email alert for hacker attack</li> </ul>
<b>Access rules</b>	<ul style="list-style-type: none"> <li>Schedule-based access rules</li> <li>Up to 50 entries</li> </ul>
<b>Port forwarding</b>	Up to 30 entries
<b>Port triggering</b>	Up to 30 entries
<b>Blocking</b>	Java, cookies, ActiveX, HTTP proxy
<b>Secure management</b>	<ul style="list-style-type: none"> <li>HTTPS web access to device manager</li> <li>Username/password complexity enforcement</li> </ul>
<b>VLAN</b>	802.1Q VLAN RV320: 7 VLANs supported RV325: 17 VLANs supported
<b>VPN</b>	
<b>IP Security (IPsec)</b>	<ul style="list-style-type: none"> <li>25 IPsec site-to-site tunnels for branch office connectivity</li> <li>25 IPsec VPN tunnels via third-party clients such as "The GreenBow" for remote- access VPN connectivity</li> </ul>
<b>SSL VPN</b>	10 SSL VPN tunnels for remote client access
<b>PPTP</b>	10 PPTP tunnels for remote access
<b>Encryption</b>	<ul style="list-style-type: none"> <li>Data Encryption Standard (DES)</li> <li>Triple Data Encryption Standard (3DES)</li> <li>Advanced Encryption Standard (AES) encryption: AES-128, AES-192, AES-256</li> </ul>
<b>Authentication</b>	MD5/SHA1 authentication
<b>IPsec NAT traversal</b>	Supported for gateway-to-gateway and client-to-gateway tunnels
<b>VPN pass-through</b>	PPTP, Layer 2 Tunneling Protocol (L2TP), IPsec

Description	Specification
<b>Advanced VPN</b>	<ul style="list-style-type: none"> <li>• Dead peer detection (DPD)</li> <li>• Split DNS</li> <li>• VPN backup</li> <li>• Internet Key Exchange (IKE) with certificate</li> </ul>
<b>Quality of Service (QoS)</b>	
<b>Prioritization types</b>	Application-based priority on WAN port
<b>Service-based QoS</b>	Supports rate control or priority
<b>Rate control</b>	Upstream/downstream bandwidth can be configured per service
<b>Priority</b>	Each service can be mapped to one of 3 priority levels
<b>Performance</b>	
<b>IPsec VPN throughput</b>	100 Mbps
<b>SSL VPN throughput</b>	20 Mbps
<b>Concurrent connections</b>	RV320: 20,000 RV325: 40,000
<b>Configuration</b>	
<b>Web user interface</b>	Simple browser-based device manager (HTTP/HTTPS)
<b>Management</b>	
<b>Management protocols</b>	<ul style="list-style-type: none"> <li>• Web browser (HTTP/HTTPS)</li> <li>• Simple Network Management Protocol (SNMP) v1, v2c, and v3</li> <li>• Bonjour</li> </ul>
<b>Event logging</b>	<ul style="list-style-type: none"> <li>• Local log</li> <li>• Syslog</li> <li>• Email alert</li> <li>• Short Message Service (SMS)</li> </ul>
<b>Upgradability</b>	<ul style="list-style-type: none"> <li>• Firmware upgradable through web browser</li> <li>• Imported/exported configuration file</li> </ul>

## System Specifications

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

**Table 2.** System Specifications

Description	Specification
<b>Product dimensions (W x H x D)</b>	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)
<b>Ports</b>	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
<b>Power supply</b>	RV320: 12V 1.5A RV325: 12V 2A
<b>Certification</b>	FCC Class B, CE Class B, UL, cUL, CB, CCC, BSMI, KC, Anatel, GOST
<b>Operating temperature</b>	0° to 40°C (32° to 104°F)
<b>Storage temperature</b>	0° to 70°C (32° to 158°F)
<b>Operating humidity</b>	10% to 85% noncondensing
<b>Storage humidity</b>	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 <https://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
<b>RV320 Dual WAN VPN Router</b>	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		
	RV320-K9-AU	Australia		
	RV320-K9-CN	China		
	RV320-K9-AR	Argentina		
<b>RV325 Dual WAN VPN Router</b>	RV325-K9-NA	North America		
	RV325-K9-G5	EU, Singapore, India, Thailand		
	RV325-K9-AU	Australia		
	RV325-K9-CN	China		
	RV325-K9-AR	Argentina		

### For More Information

To download software, visit the [Cisco Platform Suite](#).

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

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

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

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



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