Cisco RV260 VPN Routers Datasheet

CONTENT

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OVERVIEW

The Cisco® Small Business RV260, RV260P, and RV260W VPN routers are high-performance models combining business-class features with performance, security, reliability, and overall value at a great price point. These models are perfect for the small business, small enterprise, branch, or small home office network.

Easy to configure and install, the RV260 routers can be remotely deployed using Plug and Play (PnP), are supported by the Cisco FindIT network platform, and feature a new user interface.

These models have a dual-core processor that provides performance usually found only in more expensive solutions. A Small Form-Factor Pluggable (SFP) WAN port provides flexible connectivity and investment protection. Like the other models in the portfolio, the RV260, 260P, and 260W include standard features such as a business-grade Stateful Packet Inspection (SPI) firewall, VPN security (IP Security [IPsec], Point-to-Point Tunneling Protocol [PPTP], and OpenVPN), content filtering, and device wizards to make an easy setup even easier.

The wired RV260 offers a high-performance user experience at an attractive cost point. The RV260P adds Power over Ethernet (PoE) to four of the eight ports. The RV260W adds 3x3 wireless 802.11ac. Like the RV160W but with better performance and more ports, this network-in-a-box offers fantastic wireless performance and range for the small business and teleworker network solution.

These models come with one year of web filtering service. This feature provides the ability to categorize different types of websites at different levels, and keeps your business users away from harmful websites.

APPEARANCE

Figure 1. Cisco RV260/RV260P VPN Router

Figure 2. Cisco RV260W VPN Router

The Cisco Small Business RV260 VPN routers are high-performance models combining business-class features with performance, security, reliability, and overall value at a great price point. They are perfect for the small business, small enterprise, branch, or small home office network.

A new graphical user interface helps you get your VPN router up and running in minutes. Your business will enjoy reliable, highly secure connectivity that is so transparent you may not be aware of it.

FEATURES AND BENEFITS

● The RV260 provides wired connectivity with eight Gigabit Ethernet ports

● The RV260P has eight Gigabit Ethernet ports with four ports of PoE and a 60W power budget

● The RV260W is a wireless VPN router with 3x3 802.11ac Wave 2 wireless and a switch with eight Gigabit Ethernet ports

● Flexible SFP/RJ-45 combination WAN ports

● High-performance Gigabit Ethernet ports, enabling large file transfers and multiple users

● Includes one year of web filtering to keep users and the business away from harmful websites and maintain a high level of productivity

● IPsec, PPTP, and OpenVPN server enable secure connectivity for remote employees and multiple office sites

● Strong security: Proven SPI firewall and hardware encryption

- New user interface design for easier configuration and device management

- Simple setup with wizard-based configuration

- Updated with a new hardware enclosure design

- FindIT network management support

PRODUCT SPECIFICATIONS

Table 1. Specifications

Description	Specification
Ethernet WAN	1 RJ-45 SFP Gigabit combination port
Ethernet LAN	8 RJ-45 Gigabit Ethernet ports RV260P has 4 PoE ports with a 60W power budget
Console port	1 RJ-45 port
Switch	Power on/off
Cabling type	Category 5 or better
LEDs	Power, VPN, WAN, LAN
Operating system	Linux
LAN	
VLANs	16
Port security	Yes, 802.1X
IPv6	Dual stack, 6rd,6in4
WAN	Dynamic Host Configuration Protocol (DHCP) client, static IP, Point-to-Point Protocol over Ethernet (PPPoE), PPTP, Layer 2 Tunneling Protocol (L2TP)
WLAN	3x3 802.11ac Wave 2
Security	
Firewall	SPI firewall Port forwarding and triggering Denial-of-Service prevention (DoS)
Access control	IP access control lists
Secure management	HTTPS, username/password complexity

User privileges	Two levels of access: Admin and guest
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 ● Internet Group Management Protocol (IGMP) proxy and multicast forwarding ● Rapid Spanning Tree Protocol (RSTP) ● Dynamic DNS (DynDNS, No-IP, ChangeIP) ● 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)
Routing protocols	● Static routing, IGMP proxy ● Dynamic routing ● Routing Information Protocol (RIP) v1 and v2 ● RIP for IPv6 (RIPng) - Inter-VLAN routing
NAT protocol	Port Address Translation (PAT), Network Address Port Translation (NAPT) Port forwarding, One-to-one NAT, VPN NAT Traversal, Session Initiation Protocol (SIP), ALG, FTP ALG
VPN	
Gateway-to-gateway IPsec VPN	20 IPsec tunnels
Client-to-gateway IPsec VPN	20 IPsec tunnels
IPsec VPN	Internet Key Exchange (IKE) v2, Generic Routing Encapsulation (GRE), hub and spoke supported
PPTP VPN	20 PPTP VPN tunnels

OpenVPN	Support for the OpenVPN server
Encryption	Triple Data Encryption Standard (3DES), Advanced Encryption Standard (AES) with 128, 192, and 256-bit keys encryption
VPN pass-through	IPsec, PPTP, and L2TP pass-through
Quality of Service (QoS)	
QoS	● 802.1p port-based priority on LAN port, application-based priority on WAN port ● 4 queues ● Differentiated Services Code Point (DSCP) support ● Class of Service (CoS) ● Bandwidth management for service prioritization
Jumbo frame support	Supports jumbo frames on Gigabit ports — at least 1536B
Performance	
NAT throughput	800+ Mbps
Concurrent sessions	25,000
IPsec VPN throughput	75+ Mbps
Configuration	
Web-based user interface	Browser-based configuration (HTTP/HTTPS)
Management	Web-based user interface, Simple Network Management Protocol (SNMP) v3, Bonjour, PnP Command-line interface via console — limited configuration command support FindIT support for monitoring and management
Event logging	Local, syslog, email alerts
Network diagnostics	Ping, traceroute, DNS lookup
Upgradability	Firmware upgradable via browser UI, imported/exported file, USB, Cisco FindIT
System time	Network Time Protocol (NTP), Daylight Savings, manual entry
Language support	User interface support for English
Environmental	
Power	RV260: 12VDC/2A

	RV260P: 54VDC/1.67A RV260W: 12VDC/2.5A
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% noncondensing
Storage humidity	5% to 90% noncondensing
Certifications	Safety: ● UL 60950-1 ● CAN/CSA-C22.2 No. 60950-1 ● IEC 60950-1 ● EN 60950-1 Radio approvals: ● FCC Part 15.247, 15.407 ● RSS-210 (Canada) ● EN 300.328, EN 301.893 (Europe) ● AS/NZS 4268.2003 (Australia and New Zealand) EMI and susceptibility: ● FCC Part 15.107 and 15.109 ● ICES-003 (Canada) ● EN 301.489-1 and -17 (Europe) - RV260/RV260P rackmount: Class A

ORDERING INFORMATION

Table 2. Ordering information

Product number	Product description
RV260 Routers	
RV260-K9-NA	Cisco RV260 VPN Router for United States, Canada, Columbia, Mexico, Chile, Taiwan
RV260-K9-G5	Cisco RV260 VPN Router for EU (CE Mark) 32 countries, Ukraine, Hong Kong, Singapore, Thailand, Vietnam, Philippines, Indonesia, Malaysia, Saudi Arabia, UAE, South Africa

RV260-K9-AU	Cisco RV260 VPN Router for Australia, New Zealand
RV260-K9-AR	Cisco RV260 VPN Router for Argentina
RV260-K9-BR	Cisco RV260 VPN Router for Brazil
RV260-K9-CN	Cisco RV260 VPN Router for China
RV260-K9-IN	Cisco RV260 VPN Router for India
RV260-K9-JP	Cisco RV260 VPN Router for Japan
R260-K9-KR	Cisco RV260 VPN Router for Korea
RV260-K8-RU	Cisco RV260 VPN Router for Russian Federation
RV260P Routers	
RV260P-K9-NA	Cisco RV260P VPN Router for United States, Canada, Columbia, Mexico, Chile, Taiwan
RV260P-K9-G5	Cisco RV260P VPN Router for EU (CE Mark) 32 countries, Ukraine, Hong Kong, Singapore, Thailand, Vietnam, Philippines, Indonesia, Malaysia, Saudi Arabia, UAE, South Africa
RV260P-K9-AU	Cisco RV260P VPN Router for Australia, New Zealand
RV260P-K9-AR	Cisco RV260P VPN Router for Argentina
RV260P-K9-BR	Cisco RV260P VPN Router for Brazil
RV260P-K9-CN	Cisco RV260P VPN Router for China
RV260P-K9-IN	Cisco RV260P VPN Router for India
RV260P-K9-JP	Cisco RV260P VPN Router for Japan

R260P-K9-KR	Cisco RV260P VPN Router for Korea
RV260P-K8-RU	Cisco RV260P VPN Router for Russian Federation
RV260W Routers	
RV260W-A-K9-NA	Cisco RV260W VPN Router for United States, Canada, Columbia, Mexico
RV260W-E-K9-G5	Cisco RV260W VPN Router for EU (CE Mark) 32 countries, Hong Kong, Singapore, Thailand, Vietnam, Philippines
RV260W-A-K9-AU	Cisco RV260W VPN Router for Australia, New Zealand
RV260W-A-K9-AR	Cisco RV260W VPN Router for Argentina
RV260W-A-K9-BR	Cisco RV260W VPN Router for Brazil
RV260W-C-K9-CN	Cisco RV260W VPN Router for China
RV260W-I-K9-IN	Cisco RV260W VPN Router for India
RV260W-E-K9-JP	Cisco RV260W VPN Router for Japan
RV260W-R-K8-RU	Cisco RV260W VPN Router for Russian Federation

Want to buy this series of products? please contact:

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SOURCES

https://www.cisco.com/c/en/us/products/collateral/routers/rv260-vpn-router/datasheet-c78-741409.html