Product Specifications of the RV340W Dual WAN Gigabit VPN Router with Wireless

Special Notice: Licensing Structure - Firmware versions 1.0.3.15 and later. Moving forward, AnyConnect will incur a charge for client licenses only.

For additional information on AnyConnect licensing on the RV340 series routers, check out the article [AnyConnect Licensing for the RV340 Series Routers](#).

Introduction

The RV340W Dual WAN Gigabit VPN Router with Wireless is a part of the RV34x Series and is the wireless counterpart of the RV340 Router. It is easy-to-use, flexible, high-performance, and durable which makes this well suited for small businesses. Now with several added security features such as Web Filtering, Application Control, and IP Source Guard, the RV340W delivers highly secure, broadband, wired and wireless connectivity to small offices and remote employees. These new security features also provide the ease of fine-tuning permitted activity on the network.

This article aims to showcase the product specifications of the RV340W Dual WAN Gigabit VPN Router with Wireless.

Note: To know more about the RV340W Dual WAN Gigabit VPN Router with Wireless, click [here](#).

Product Specifications

Specifications	Description
Standards	802.11 (Wi-Fi), 802.11ac, 802.1n, 802.11g, 802.11b, 802.11a, 802.3u, 802.1D, 802.1p, 802.1w (Rapid Spanning Tree), 802.1X (security authentication), 802.1Q Virtual Local Area Network (VLAN), IPv4 (RFC 791), IPv6 (RFC 2460), Routing Information Protocol (RIP) v1 (RFC 1058), RIP v2 (RFC 1723)
Operating System	Linux
Cabling Type	Category 5e or better
Ports	LAN, WAN, USB, Console

Physical Interfaces

Specifications	Description
Ports	4 RJ-45 10/100/1000 Ethernet 2 WAN 2 USB ports 1 Console
Buttons	Reset button, Wi-Fi button
Switch	Power Switch
Physical Security	
Kensington	Yes
Physical Specifications	
Physical dimensions (W x D x H)	280 x 44 x 170 mm (11.0 x 1.45 x 6.69 in)
Weight	1.2 kg (2.65 lbs)

Network Capabilities

Specifications	Descriptions
VLAN Support	Yes; Port-based and 802.1Q tag-based VLANs
Network Protocols	Dynamic Host Configuration Protocol (DHCP) server Point-to-Point Protocol over Ethernet (PPPoE) Point-to-Point Tunneling Protocol (PPTP) Domaine Name System (DNS) proxy Internet Group Management Protocol (IGMP) proxy and multicast forwarding Rapid Spanning Tree Protocol (RSTP) Dynamic Domain Name System (DynDNS, NOIP) Network Address Translation (NAT), Port Address Translation (PAT) One-to-one NAT Port management Port mirroring
Number of VLANs	1 management VLAN (1-4096 range), up to 32 VLANs
802.1X supplicant	Yes
Routing Protocols	Static routing Dynamic routing RIP v1 and v2
NAT	PAT, Network Address Port Translation (NAPT) protocol
Network edge (DMZ)	Software-configurable to any LAN IP address
Spanning tree	Yes
Load balancing	Yes
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 IPv6 host support IPv6 RADIUS, Network Time Protocol (NTP)
Layer 2	802.1Q-based VLANs, 32 active VLANs plus one management VLAN

Security

Specifications	Description
Access control	Yes, management access control list (ACL) plus MAC ACL
Secure Management	HTTPS
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 Blocks Java, cookies, active-X, HTTP proxy
Web Filter	Filters malicious and blocks harmful websites
Content Filter	Static URL blocking or keyword blocking
Application Control	Yes

VPN

Specifications	Description
IPSec	50 simultaneous connections (any combination of Remote Access and site-to-site), up to 650 Mbps throughput
IPSec Remote Access	Yes
L2TP over IPSec	Yes
GRE over IPSec	Yes
Cisco SSL VPN (Cisco AnyConnect)	2 tunnels included. Max 50 tunnels with optional router licenses. Up to 33 Mbps throughput
PPTP	25 connections, up to 100 Mbps throughput
Teleworker mode (Cisco IPSec VPN)	Router acts as a client to connect to central VPN gateway in teleworker mode.
VPN Passthrough	IPSec, PPTP, L2TP

Configuration

Specifications	Description

Web user interface	Simple, browser-based configuration (HTTP, HTTPS)
Command-line interface (CLI)	Command line using SSH
Management protocols	Web browser, Simple Network Management Protocol (SNMP) v3, Bonjour
Remote management	Yes
Event logging	Local, remote syslog , email alerts
Network diagnostics	Logging, Ping, Traceroute, DNS lookup, and Port Mirror
Web firmware upgrade	Firmware upgradable through web browser, imported and exported configuration file
Dynamic Host Configuration Protocol (DHCP)	DHCP Client
IPv6 host	Yes
HTTP redirect	Yes
System time	Supports NTP, daylight savings manual entry
Languages	GUI supports English

Wireless

Specifications	Description
Radio and modulation type	Dual radio, Orthogonal Frequency Division Multiplexing (OFDM) IEEE 802.11a/n: OFDM (BPSK/QPSK/16QAM.64AM/256AM) IEEE 802.11ac: OFDM (BPSK/QPSK/16QAM.64AM/256AM)
WLAN	802.11n/ac 4x4 MIMO with 2 spatial streams at 5 GHz 3x3 MIMO with 2 spatial streams at 2.4 GHz 20-, 40-, and 80-Mhz channels for 802.11ac 20- and 40-Mhz for 802.11n PHY data rate up to 2.7Gbps: - 2.4 GHz: 450Mbps (64-QAM), 600Mbps (256-QAM) - 5 GHz: 1.7Gbps (256-QAM), 2.1Gbps (1024-QAM) 802.11 Dynamic Frequency Selection (DFS)
Operating channels	11 North America, 13 most of Europe, auto-channels selection
Wireless isolation	Wireless isolation between clients
External antennas	4
Antenna gain in dBi	2.4 GHz: 3 dBi per antenna 5 GHz: 5 dBi per antenna
Receiver sensitivity	2.4 GHz: -802.11b: -82 dBm at 11 Mbps, -802.11g: -71 dBm at 54 Mbps, 802.11n (HT20): -69 dBm at MCS7,

	HT20, -65 dBm at mcs15, HT40 5 GHz: -802.11ac (VHT20): -59 dBm at MCS8 -802.11ac (VHT40): -54 dBm at MCS9 -802.11ac (VHT80): -51 dBm at MCS9
Radio frequency	Dual-band, works on 2.4 GHz and 5 GHz
Active WLAN clients	Supports up to 50 concurrent clients
Multiple SSIDs	Supports multiple Service Set Identifiers (SSIDs), up to 8 separate virtual networks, 4 per radio.
Wireless VLAN Map	Supports SSID to VLAN mapping with wireless client isolation
WLAN Security	Wired Equivalent Privacy (WEP), WPA, WPA2-PSK, WPA2-ENT, 802.11i
Wi-Fi Multimedia (WMM)	WMM, WMM power save (WMM-PS)

Environmental

Specifications	Description
Power	12V 1.5 A
Certifications	FCC, CE, IC, Wi-Fi
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% non-condensing
Storage humidity	5% to 90% non-condensing