

# Product Specifications of the RV340 Dual-WAN VPN Router



## Introduction

This article aims to provide a "back of the box" style product specifications about the RV340 Dual-WAN VPN Router. For a more in depth look, [click here to view the RV34X series consolidated Data Sheet.](#)

The RV340 Dual-WAN VPN Router is an easy-to-use, flexible, high-performance device well suited for small businesses. With added security features, such as Web Filtering, Application Control, and IP Source Guard, the new RV340 delivers highly secure, broadband, wired connectivity to small offices and remote employees. These new security features also provide the ease of fine tuning permitted activity on the network.

**Note:** To view a "what's in the box?" style article about the RV340 Dual-WAN VPN Router, [click here.](#)

## Product Specifications

Specifications	Description
Standards	802.3u, 802.1D, 802.1p, 802.1X (security authentication), 802.1Q (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

Ports	9 10/100/1000 Ethernet, with support for 802.3af 2 WAN 2 USB ports
Buttons	Reset button
Switch	Power Switch

<b>Mounting and Physical Security</b>	
Multiple Mounting Options	2 rack-mount brackets are provided including 8 screws.
<b>Physical Specifications</b>	
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 lb)

## Network Capabilities

VLAN Support	Yes; Port-based and 802.1Q tag-based VLANs
Network Protocols	Network Protocols Dynamic Host Configuration Protocol (DHCP) server Point-to-Point Protocol over Ethernet (PPPoE) Point-to-Point Tunneling Protocol (PPTP) DNS proxy Internet Group Management Protocol (IGMP) proxy and multicast forwarding 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).
802.1X supplicant	Yes
Routing Protocols	Static routing Dynamic routing RIP v1 and v2
Network Address Translation (NAT)	Port Address Translation (PAT), Network Address Port Translation (NAPT) protocol
Network edge (DMZ)	Software-configurable to any LAN IP address
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

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: <ul style="list-style-type: none"> <li>• SYN Flood</li> <li>• Echo Storm</li> <li>• ICMP Flood</li> <li>• UDP Flood</li> <li>• TCP Flood</li> </ul> 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

## Configuration

<b>Management</b>	
Web user interface	Simple, browser-based configuration (HTTP, HTTPS)
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	Yes

## Environmental

Power	12V 1.5 A
Certifications	FCC, CE, IC, Wi-Fi
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% non-condensing

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