



# The SonicWALL PRO 2040

PRO SERIES

**Complete business security and configuration flexibility**

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Today's highly connected organizations move vast amounts of critical data across extensive, often complex network topologies. To maintain and safeguard business continuity, network administrators require a solution that gives them the ability to secure their network architecture, while continuing to deliver advanced features and powerful performance.

The SonicWALL® PRO 2040 is a flexible, powerful and easy-to-use total security platform that protects your network resources, increases the productivity of your employees, and keeps your business running—without interruption. Optimized for networks of up to 200 nodes or 50 network locations, the PRO 2040 packs the benefits of the SonicOS operating system into an affordable, rack-mounted appliance, providing advanced security features and configuration flexibility. This highly integrated appliance combines deep packet inspection firewall and IPSec VPN capabilities with support for gateway anti-virus, anti-spyware, intrusion prevention, content filtering and spam blocking to deliver true layered security.

An optional upgrade, SonicOS Enhanced adds a suite of advanced security and networking features, including ISP failover, object-based management, policy-based NAT and more. In addition, SonicOS Enhanced activates a fourth interface that can be configured either as an additional LAN, WAN or DMZ, or as a hardware failover port, ensuring continuous network uptime.

## Features and Benefits

**Powerful deep packet inspection firewall** protects against malicious application layer attacks originating from either internal or external sources

**Integrated gateway anti-virus, anti-spyware and intrusion prevention support** secures the network against a comprehensive array of dynamic threats including viruses, spyware, worms, Trojans and software vulnerabilities such as buffer overflows, as well as peer-to-peer and instant messenger applications, backdoor exploits and other malicious code

**Dynamic Domain Name Service (DDNS) support** drastically reduces the costs associated with hosting e-mail servers, Web servers and site-to-site VPN by allowing the use of dynamic IP addresses

**Award-winning Global Management System (GMS)** provides comprehensive management and reporting tools for simplified configuration, enforcement and management of global security policies, VPN and services, all from a central location

## SonicOS Enhanced Firmware Upgrade Adds

**Flexible fourth port** can be configured either as an additional LAN, WAN, WLAN, DMZ or a hardware failover port, offering greater network configuration flexibility

**Real-time blacklist spam blocking** provides the ability to use DNS to query Real-time Black List (RBL) services that track well-known spam and open-relay SMTP servers and to deny SMTP connections from servers that appear on the lists

**Integrated wireless LAN services** enable the appliance to function as a secure wireless switch and controller that automatically detects and configures SonicPoints, SonicWALL wireless access points, as they are added to the network while simultaneously enforcing security policies on all wired and wireless traffic

**Advanced security and networking features** include WAN/WAN failover, distributed wireless, zone and object-based management, load balancing, policy-based routing, support for RIPv2 and OSPF dynamic routing, advanced NAT modes, QoS and more



- **Powerful deep packet inspection firewall**
- **Integrated gateway anti-virus, anti-spyware and intrusion prevention support**
- **Dynamic Domain Name Service (DDNS) support**
- **Global management and reporting**
- **Flexible fourth port**
- **Real-time blacklist spam blocking**
- **Integrated wireless LAN services**
- **Advanced security and networking options such as WAN/WAN failover, policy-based routing, RIPv2, OSPF and VLANs**



# Specifications

## SonicWALL PRO 2040

### Firewall

Nodes Supported	Unrestricted
Stateful Throughput	200 Mbps*
Deep Packet Inspection	Protection from viruses, spyware, worms, Trojans, and application layer attacks. Requires Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service for signature updates
Gateway Anti-Virus Throughput	40 Mbps**
Connections	32,000
Policies	1,000 (SonicOS Enhanced)
DoS Protection	SYN/FIN/RST Flood Protection (SonicOS Enhanced)

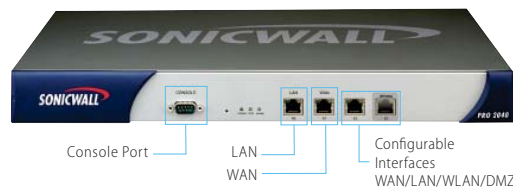
### VPN

3DES/AES Throughput	50 Mbps*
Site-to-Site VPN	50 tunnels max
Remote Access VPN	100 tunnels max (10 clients bundled)
Encryption	DES, 3DES, AES (128, 192, 256-bit)
Authentication	MDS, SHA-1
Key Exchange	Manual Key, PKI (X.509), IKE, IKEv2 (SonicOS Enhanced)
XAUTH	Yes
L2TP	Yes
IPSec	Yes
Certificate Support	Verisign®, Thawte, Baltimore, RSA Keon, Entrust®, and Microsoft® CA for site-to-site VPN
Dead Peer Detection	Yes
DHCP Over VPN	Yes
IPSec NAT Traversal	Yes, RFC 3947, 3948 (SonicOS Enhanced)
Redundant VPN Gateway	Yes
Single-arm VPN	Yes (SonicOS Standard)
Topologies	Hub-and-spoke, full mesh

### Deep Inspection Security Services

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service	Extensive signature database. Peer-to-peer and instant messaging control and signature updates through Distributed Enforcement Architecture between all interfaces and zones <sup>1</sup>
Content Filtering Service (CFS) Premium Edition	URL, keyword and content scanning ActiveX®, Java Applet, and Cookie blocking <sup>2</sup>
Gateway-enforced Client Anti-Virus and Anti-Spyware	Enforced McAfee™ Clients <sup>3</sup> and E-mail attachment blocking
Bundled Features	90 days 8x5/international support, Global VPN Clients and services as described above

## PRO 2040



### Networking

DHCP	Relay, internal server
Routing	Dynamic RIPv2, OSPF (SonicOS Enhanced)
VLAN Interfaces	25 (SonicOS Enhanced)
WAN Modes	NAT and Transparent Modes with static or dynamic addressing
DDNS	Support for services offered by the following dynamic DNS providers: dyndns.org, yi.org, no-ip.com and changeip.com
Authentication	RADIUS, internal user database; LDAP, Active Directory (SonicOS Enhanced)
User Database	250 internal
VoIP	Full H.323v1-5, SIP, gatekeeper support, inbound/outbound bandwidth management, call tracking and monitoring, interoperability with most VoIP gateway and communications devices, SIP B2BUA (SonicOS Enhanced)

### System

Management and Monitoring	SSHv2 (SonicOS Enhanced), Local CLI, Web GUI (HTTP, HTTPS), SNMPv2; Global management with SonicWALL GMS
Logging and Reporting	ViewPoint®, Local Log, Syslog
Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS

### Hardware

Interfaces	(4) 10/100 auto-sensing Ethernet, (1) Serial port
Processors	800 MHz x86 main processor, cryptographic accelerator
Memory (RAM)	128 MB
Flash Memory	64 MB
Power Input	100 to 240 VAC, 60-50 Hz, 4 A
Max Power Consumption	65 W
Total Heat Dissipation	241 BTU
Certificates	ICSA Firewall 4.1 Corporate, ICSA IPSec 1.0d, VPNc AES Interop
Certificates Pending	Common Criteria EAL4
Dimensions	17.00 x 10.00 x 1.75 in 43.18 x 25.40 x 4.45 cm
Weight	8.5 lbs 3.86 kg
Major Regulatory Compliance	FCC Class A, ICES Class A, CE, G-Tick, VCCI Class A, BSMI Class A, MIC, NOM, UL, cUL, TUV/GS, CB
Environment	40-105° F, 5-40° C Humidity 10-90% non-condensing
MTBF	11.2 years

\* Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services.

- 1) 30-day service included
- 2) 30-day service included
- 3) 30-day 10-user service included

\*\* Throughput measured using HTTP throughput test



### SonicWALL PRO 2040

SonicWALL PRO 2040 (US/Canada)  
01-SSC-5700

SonicWALL PRO 2040 (International)  
01-SSC-5701

SonicWALL SonicOS Enhanced Firmware Upgrade with 8x5 Support for PRO 2040  
01-SSC-5705

SonicWALL Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service for PRO 2040  
01-SSC-5757

SonicWALL Content Filtering Premium Business Edition for PRO 2040  
01-SSC-5652

SonicWALL Content Filtering Premium Gov/Ed Edition for PRO 2040  
01-SSC-5662

SonicWALL Global Security Client (25 User License)  
01-SSC-5252

SonicWALL SonicPoint G (US/Canada)  
01-SSC-5536

SonicWALL SonicPoint G (International)  
01-SSC-5537

SonicWALL Support 8x5 for PRO 2040  
01-SSC-5706

SonicWALL Support 24x7 for PRO 2040  
01-SSC-5707

### SonicWALL Value-added Security Services

SonicWALL Internet security appliances integrate seamlessly with an expanding array of value-added security services to provide a comprehensive security solution. Gateway anti-virus, anti-spyware, intrusion prevention and content filtering can be deployed over both the wired and wireless LANs.

For more information on SonicWALL security services, including gateway anti-virus, anti-spyware, intrusion prevention and content filtering, please visit our Web site at <http://www.sonicwall.com/products/vpnsoft.html>.

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