



## SonicWALL PRO 2040

INTERNET SECURITY APPLIANCE

- ▷ Cost-effective, business-class firewall protection and VPN concentration
- ▷ Integrated support for SonicWALL security services including enforced anti-virus and content filtering
- ▷ Optional upgrade to SonicOS Enhanced delivers business continuity and customization flexibility
- ▷ Centralized, Web-based management using SonicWALL's award-winning Global Management System

**The SonicWALL® PRO 2040 is a flexible, powerful and easy-to-use total security platform** that protects your network resources, increases the mobility and 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 SonicWALL's SonicOS operating system into an affordable, rack-mounted appliance, providing business-class performance, advanced features and configuration flexibility. Powered by a high-performance system processor and hardware-based cryptographic accelerator, the PRO 2040 delivers the robust, reliable firewall and VPN performance businesses have come to expect from SonicWALL.

PRO 2040 customers can take advantage of a bevy of integrated security services from SonicWALL, including Complete Anti-Virus, Content Filtering Service, Global Security Client and more. Unlike other security vendors, with SonicWALL there's no need to purchase separate appliances or software packages. Support for each service is built right into the appliance so you can spend your budget, and your time, elsewhere.

When upgraded to SonicOS Enhanced, the PRO 2040 provides unprecedented flexibility for network customization. SonicOS Enhanced activates the fourth port, allowing network administrators to configure two of the ports as a second LAN, a second WAN, a DMZ, another customized network zone, or as a Hardware Fail-over port.

A host of advanced features in SonicOS Enhanced, including Object-based Management, ISP Fail-over, Load Balancing, Hardware Fail-over and Policy-based NAT, enable companies to capitalize on their network resources by reducing the management burden and ensuring complete business continuity. Until recently, these features were typically found only on more expensive appliances geared toward larger, more complex network deployments. Not anymore. With the SonicWALL PRO 2040 platform and an upgrade to SonicOS Enhanced, businesses have a comprehensive solution combining powerful VPN and firewall performance that can be deployed into virtually any network environment.

The PRO 2040 is easy to install and administrator friendly. Intuitive configuration wizards simplify even the most demanding tasks. Almost instantaneously, network administrators can install a complete security solution and begin configuring and deploying site-to-site and remote VPNs to safely connect branch offices and telecommuters to the network. Once the topology is in place, administrators can centrally manage the network through a standard Web browser or CLI with SonicWALL's award-winning Global Management System, creating and enforcing business policies in real time.



*The SonicWALL PRO 2040 is a flexible, powerful and easy-to-use total security platform that supports integration with the SonicWALL security upgrades shown here. For complete details, go to [www.sonicwall.com](http://www.sonicwall.com) or call +1-408-745-9600.*

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## SONICWALL PRO 2040 FEATURES AND BENEFITS

### SonicOS Standard Delivers:

#### EASE OF USE AND MANAGEMENT

**Streamlined GUI and Advanced Management Wizards.** The PRO 2040 features an innovative Web interface that utilizes a comprehensive suite of easy-to-use configuration and management wizards, making it simple to set up in any network environment.

**Integrated Security Services.** The PRO 2040 provides everything needed for secure connectivity and supports SonicWALL's portfolio of security services, including Complete Anti-Virus, Content Filtering Service and Global Security Client, without the need to integrate separate devices or software packages.

#### POWERFUL PERFORMANCE

**High-performance Architecture.** The PRO 2040 includes a powerful processor and cryptographic accelerator to deliver the best possible performance with 200 Mbps Stateful Packet Inspection firewall and 50 Mbps 3DES and AES VPN throughput.

**Hardware Encryption Support.** The PRO 2040 reflects SonicWALL's continued commitment to open security standards by including hardware-based acceleration support for the 3DES and AES encryption algorithms.

### Upgrading to SonicOS Enhanced Adds:

#### COMPLETE BUSINESS CONTINUITY

**ISP Fail-over.** The PRO 2040 ensures continuous uptime for Internet and IPSec VPN connectivity by failing over to a second ISP link should the primary link fail. Through ISP Fail-over, the PRO 2040 delivers highly reliable network connectivity for constant access to critical data.

**WAN Redundancy and Load Balancing.** The PRO 2040 offers the ability to configure a secondary WAN port, delivering highly reliable network connectivity and robust performance. This secondary

WAN port can be used in "active-active" load sharing or fail-over configuration providing a highly efficient method for maximizing total network bandwidth.

**Hardware Fail-over.** With "Hardware Fail-over," should the active unit fail, the passive unit assumes responsibility for forwarding traffic, offering greater reliability and redundancy.

#### TOTAL FLEXIBILITY

**Flexible Fourth Port.** SonicOS Enhanced activates a fourth user-assigned port on the PRO 2040 that can be configured either as an additional LAN, WAN or DMZ, or as a Hardware Fail-over port, offering greater network configuration flexibility.

**Multiple Interfaces per Security Zone.** The PRO 2040 allows network administrators to group multiple physical interfaces on into logical "zones" for ease of management and flexibility. Using zones as the logical addressing entity provides tremendous flexibility, scalability and added internal security when deploying SonicWALL firewalls in various network topologies.

**Object/Policy-based Management.** The PRO 2040 provides the ability to define an object such as a user group, network, service or interface. When security policies change, the administrator can modify the pre-defined object and propagate the changes instantly without redefining rules, enabling businesses to implement and manage security policies easily and consistently.

**Policy-based NAT.** While continuing to provide standard NAT (many-to-one) functionality, the PRO 2040 also exposes control of NAT policies to administrators for one-to-one NAT, many-to-many NAT, one-to-many NAT, inbound Port Address Translation (PAT) and flexible NAT (for overlapping IP addresses) as well as NAT policies on selective source/destination/source translations. As a result, network administrators have more control and flexibility to support and manage various NAT requirements. Like all SonicWALL appliances, the PRO 2040 features full NAT traversal.

## SONICWALL PRO 2040 TECHNICAL SPECIFICATIONS

**Processor:** 800 MHz x86 Main Processor and Cryptographic Accelerator

**RAM:** 128 MB

**Flash Memory:** 64 MB

**Interfaces:** 4 10/100 auto-sensing Ethernet

SonicOS Standard: (3) 10/100 auto-sensing Ethernet  
(1) Serial Port  
SonicOS Enhanced: (4) 10/100 auto-sensing Ethernet  
(1) Serial Port

**Firewall Performance:** 200 Mbps

**Firewall Nodes:** Unlimited

**Concurrent Connections:** 32,000

**VPN Performance:** 50 Mbps (3DES and AES)

**Site-to-Site VPN Policies:** 50

**Bundled VPN Client Sessions:** 10 (100 Max.)

**Standards:** TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS

**Certifications:** ICSA Firewall 4.0, ICSA IPsec VPN 1.0

**Major Regulatory Compliance:** EMC: FCC Class A, ICES Class A, CE, C-Tick, VCCI Class A, BSMI Class A, MIC, NOM, Safety: UL, cUL, TUV/GS, CB

**Environment:** Temperatures 40-105° F, 5-40° C  
Humidity 10-90% non-condensing

**Dimensions:** 17.00 x 10.00 x 1.75 inches  
(43.18 x 25.40 x 4.45 cm)

**Weight:** 8.50 lbs. (3.86 kg)

**LEDs:** Status (Power, Test, Alarm)  
LAN/X0 (Link, Activity, 100)  
WAN/X1 (Link, Activity, 100)  
X2 (Link, Activity, 100)  
X3 (Link, Activity, 100)

**Power Supply:** 180W

**Power Input:** 100-240VAC, 60-50Hz, 4A

**Power Consumption:** Nominal 80W

- 1) Serial Console Port
- 2) Power, Test, Alarm
- 3) LAN Port, LEDs



- 4) WAN Port LEDs
- 5) DMZ Port, LEDs
- 5-6) Additional Configurable Interfaces (with SonicOS Enhanced)

## SONICWALL PRO 2040 PART NUMBERS AND UPGRADES

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

01-SSC-5701 SonicWALL PRO 2040 (International)

01-SSC-5702 SonicWALL PRO 2040 (Japan)

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

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

01-SSC-5572 SonicWALL International Support for PRO 2040

01-SSC-5705 SonicOS Enhanced Firmware Upgrade for PRO 2040 (US/Canada/International) Includes 1-Year SonicWALL 8x5 Support

01-SSC-5708 SonicOS Enhanced Firmware Upgrade for PRO 2040 (Japan)

## 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.

For more information on these SonicWALL security services, including enforced anti-virus and content filtering, please visit our Web site at [www.sonicwall.com/products/vpnsoft.html](http://www.sonicwall.com/products/vpnsoft.html).

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SonicWALL's Internet security appliances consistently receive awards from industry-leading publications.

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