

# SonicWALL GX250 & GX650

## Internet Security Appliance

The SonicWALL GX250 and GX650 Internet security appliances are high performance VPN concentrators and Internet security solutions designed for distributed VPN deployments and remote access solutions. The 3U rack-mount GX250 and GX650 combine a hardware accelerated architecture with an ICASA-certified, stateful inspection firewall and integrated IPSec VPN connectivity, delivering a robust VPN solution for customers of all sizes.

Built with an ASIC security architecture, the GX series delivers breakthrough performance for superior VPN and security throughput. By offloading processing overhead associated with encryption, the GX250 and GX650 provide the best performance for 10/100Base-T or Gigabit Ethernet networks, supporting thousands of VPN Security Associations (SAs) and client connections. The GX250 and GX650 are ready for immediate deployment with 100 bundled VPN clients for secure connectivity of dial-up users, enabling enforcement of security policies without acquiring additional equipment or software.

The SonicWALL GX series provide mission-critical security with redundant, hot-swappable power supplies and SonicWALL High Availability, which enables two SonicWALL GXs (one primary and one backup) to operate as a redundant pair.

The GX250 and GX650 support automatic updates of the latest firmware, maintaining the highest level of security possible throughout the network. SonicWALL ViewPoint, a Web-based, geographical reporting tool for monitoring network security is included, providing real-time network intelligence from a single web-enabled console.

For seamless integration into a large network infrastructure, the GX250 and GX650 can be managed and monitored by local or remote options including CLI, Web management interface, and SNMP. Centralized management and policy setting is available with the award-winning SonicWALL Global Management System (GMS), an integrated solution for thousands of SonicWALL Internet security appliances.

In addition to high-performance VPN connectivity and integrated security, the GX250 and GX650 support the comprehensive portfolio of SonicWALL Security Services, including Network Anti-Virus, Content Filtering, and Authentication Service.



**SonicWALL GX Series**

**SONICWALL**

### SECURITY

Firewall

> VPN

Anti-Virus

Content Filtering

Vulnerability Scan

Authentication

SSL Acceleration

- **Powerful SonicWALL Security ASIC architecture**
- **Superior 3DES VPN throughput**
- **ICASA-certified stateful packet firewall**
- **SonicWALL High Availability and ViewPoint**



TELE3



SOHO3



PRO 100



PRO 200



PRO 300



GX Series

# SECURITY

**SONICWALL**

COMPREHENSIVE INTERNET SECURITY SOLUTIONS

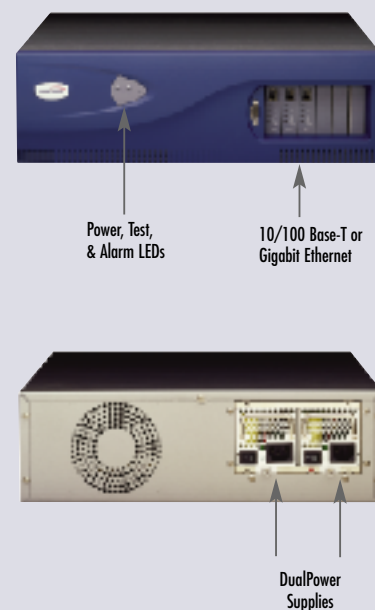
www.sonicwall.com

# SonicWALL GX250 & GX650

## Internet Security Appliance

### SonicWALL GX250 and GX650 Features and Benefits

- **Powerful ASIC Architecture.** Built on ASIC security architecture, the GX Series delivers breakthrough performance with hardware-acceleration for superior VPN and security throughput. By offloading processing overhead associated with encryption, the SonicWALL GX250 and GX650 provide superior performance for up to 10,000 VPN tunnels.
- **Bundled Dial-up VPN Clients.** The GX Series includes 100 VPN clients to rapidly deploy secure connectivity for remote dial-up users, enabling network administrators to enforce security policies without additional equipment or software.
- **Integrated IPsec VPN.** The GX Series enterprise-class VPN support delivers fast, secure access to corporate resources through any IPsec-compliant VPN gateway.
- **ICSA-Certified Stateful Packet Firewall.** The GX Series adheres to industry standards for enterprise-class firewall protection with ICSA-certified, stateful packet inspection technology.
- **Mission-Critical Security.** The GX Series includes SonicWALL High Availability to provide mission-critical security by allowing the configuration of two SonicWALL GXs (one primary, one backup) as a redundant pair. The GX250 and GX650 also include redundant power supplies.
- **Flexible Management.** The GX Series fits perfectly into a large corporate network infrastructure and can be managed and monitored by a wide array of local or remote options including CLI, Web management-interface, and SNMP.
- **Centrally Manage VPN Deployments.** The GX650 includes award-winning SonicWALL Global Management System (GMS) for centralized management and policy setting of distributed VPN deployments, reducing administration overhead as security requirements scale.
- **Web-Based Reporting.** The GX Series includes SonicWALL ViewPoint, a Web-based reporting tool that creates graphical, easy-to-interpret, real-time and historical reports. Administrators can monitor network access, enhance security, and anticipate future bandwidth needs.
- **AutoUpdate Security.** SonicWALL's AutoUpdate service sends automatic alerts of new software and feature updates as soon as they're available to ensure administrators keep network security current and lower maintenance costs.



### SonicWALL GX250 and GX650 Product Part Numbers

01-SSC-2870 SonicWALL GX250 (10/100Base-T) US/Canada  
 01-SSC-2871 SonicWALL GX250 (10/100Base-T) - International

01-SSC-2880 SonicWALL GX650 (1000Base-SX) – US/Canada  
 01-SSC-2883 SonicWALL GX650 High Availability Backup (1000Base-SX) – US/Canada  
 01-SSC-2881 SonicWALL GX650 (1000Base-SX) - International  
 01-SSC-2884 SonicWALL GX650 High Availability Backup (1000Base-SX) – International

For more information on these SonicWALL security appliances, please visit our Web site at [www.sonicwall.com/products/gx/index.html](http://www.sonicwall.com/products/gx/index.html)

### Value-Added Security Services

SonicWALL Internet security appliances integrate seamlessly with an expanding array of security applications such as enforced Anti-Virus, Content Filtering, Authentication, and Vulnerability Scanning to provide a comprehensive security solution.

For more information on these SonicWALL security applications, please visit our Web site at [www.sonicwall.com/products/securityApps.asp](http://www.sonicwall.com/products/securityApps.asp)



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

### SonicWALL GX250 and GX650 Technical Specifications

**Processor:** 866MHz Intel Pentium III

**RAM:** GX250 128MB  
 GX650 256MB

**Flash Memory:** 16 MB

**Interfaces:** GX250 (3) 10/100Base-T (RJ-45)  
 GX650 (3) 1000Base-SX

**Console:** (1) Serial Port

**Concurrent Connections:** GX250 250,000  
 GX650 500,000

**Firewall Performance:** GX250 200 Mbps  
 GX650 1.6 Gbps

**Firewall Users:** Unlimited

**Bundled VPN Clients:** 100

**3DES (168-Bit) VPN Throughput:** GX250 192 Mbps  
 GX650 285 Mbps

**VPN Tunnels:** GX250 5,000  
 GX650 10,000

**Included Software:**  
 GX250 ViewPoint, High Availability, 100 VPN Clients  
 GX650 SonicWALL GMS, ViewPoint, High Availability, 100 VPN Clients

**Dimensions:** 19 x 19 x 5.25 inches (3U rack)  
 (48.3 x 48.3 x 13.3 cm)  
 Includes 19" rack mounting hardware

**Weight:** 30 lbs (13.5 kgs)

**LEDs:** Status (Power, Test, Alarm)  
 Ethernet (Link, Activity)

**Power:** Redundant hot swappable power supplies  
 100V - 240V AC

**Standards:** TCP/IP, UDP, ICMP, HTTP, RADIUS, IPsec, IKE, SNMP, FTP, DHCP, PPPoE

**Certifications:** ICSA Firewall, IPsec VPN

**Regulatory Compliance:** UL, CE, GS Mark, VCCI, FCC Part 15, TUV, C-Tick

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



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# SOLUTIONS