



## SonicWALL TZ 170 SP Series

NETWORK SECURITY

**Continuous Uptime for VPN Connected Business Applications**

No business can afford to have its network down for a significant length of time. For small retail and point-of-sale businesses that rely on their network for online billing, credit card processing, or the capture of sensitive customer data, this is especially true. Any disruption to the flow of information could severely impact their financial fortunes.

The SonicWALL® TZ 170 SP Series is the ideal security platform for small retail and point-of-sale deployments that require managed continuous network and VPN uptime for the secure transmission of critical data.

The TZ 170 SP Series offers an integrated analog modem, IPSec VPN capabilities and optional 802.11b/g secure wireless LAN access in a cost-effective solution that scales to protect your investment as your organization grows. With multiple forms of WAN redundancy built directly into the solution, the TZ 170 SP Series removes the worry and hassle that can occur should your Internet connection fail. The TZ 170 SP Series automatically fails over to a second or even a third WAN connection and then fails back once the original has been restored, ensuring the best connection possible.

Available in multiple hardware configurations including the SonicWALL TZ 170 SP and TZ 170 SP Wireless, the TZ 170 SP Series also supports SonicWALL's subscription based gateway protection services, including anti-virus, anti-spyware and intrusion prevention.

### Features and Benefits

**Integrated and automated failover/failback** technologies ensure continuous network uptime by automatically switching to a secondary WAN or to the integrated analog modem should the primary connection fail.

**Advanced IPSec VPN with 3DES and AES encryption** provides secure connectivity for mission critical business applications.

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

**Secure 802.11b/g wireless LAN** technologies provide WPA or IPSec secured high-speed wireless connectivity.

**Gateway anti-virus, anti-spyware and intrusion prevention** provides real-time security against the latest viruses, spyware, software vulnerabilities and other malicious code.

**Optional port can be configured** as a second LAN, a second WAN, a DMZ or as a Wireless LAN for maximum network configuration flexibility.

**Dynamic Domain Name Service (DDNS) support** drastically reduces the costs associated with site-to-site VPN by allowing the use of dynamic IP addresses at remote locations.

- **Integrated and automated failover/failback**
- **Advanced IPSec VPN with 3DES and AES encryption**
- **Award-winning Global Management System (GMS)**
- **Secure 802.11b/g wireless option**
- **Gateway anti-virus, anti-spyware and intrusion prevention**
- **Configurable optional port**
- **Dynamic Domain Name Service (DDNS) support**

# Specifications

## SonicWALL TZ 170 SP Series

### Firewall

Nodes Supported	10 (Upgradeable to 25 and unrestricted)
SonicOS Version	SonicOS Standard (TZ 170 SP) SonicOS Enhanced (TZ 170 SP Wireless)
Stateful Throughput*	90 Mbps
Deep Packet Inspection Throughput	5 Mbps
Connections	6,000
Policies	100 (SonicOS Standard/250 SonicOS Enhanced)
Denial of Service Attack Prevention	22 classes of DoS, DDoS and scanning attacks

### VPN

3DES/AES Throughput*	30+ Mbps
Site-to-Site VPN Tunnels	2 (upgradeable to 10 with a node upgrade)
Bundled Global VPN Client Licenses for Remote Access	Optional
Encryption	DES, 3DES, AES (128, 192, 256-bit)
Authentication	MDS, SHA-1
Key Exchange	IKE, Manual Key, PKI (X.509)
XAUTH/RADIUS	Yes
L2TP/IPSec	Yes
Certificate Support	Verisign, Thawte, Baltimore, RSA Keon, Entrust, and Microsoft CA for SonicWALL-to-SonicWALL VPN
Dead Peer Detection	Yes
DHCP Over VPN	Yes
IPSec NAT Traversal	Yes, NAT_Tv00 and v03
Redundant VPN Gateway	Yes
Global VPN Client Platforms Supported	Microsoft® Windows 2000, Windows XP, Vista 32-bit (available in the second half of 2007)

### Deep Inspection Security Services

Deep Packet Inspection Signature Service	Comprehensive signature database (No server support). Peer-to-peer and instant messaging control and signature updates through Distributed Enforcement Architecture
Content Filtering Service (CFS) Standard Edition	URL, keyword and content scanning ActiveX, Java Applet, and Cookie blocking
Gateway-enforced Client Anti-Virus and Anti-Spyware	HTTP/S, SMTP, POP3, IMAP and FTP, Enforced McAfee™ Clients E-mail attachment blocking
Bundled Services	90 days 8x5/international support and services as described above

### Networking

DHCP	Relay, internal server
NAT Modes	1:1, 1:many, many:1**, many:many, flexible NAT (overlapping IPs)**, PAT**, transparent mode
DDNS	Support for services offered by the following dynamic DNS providers: dyndns.org, yi.org, no-ip.com and changeip.com
Routing	Routing decisions based on combinations of Source IP, Destination IP and IP Service updates**
Authentication	RADIUS, Active Directory **, LDAP**, internal user database
User Database	100 (SonicOS Standard)/150 (SonicOS Enhanced)
VoIP	Full H.323v1-5, SIP, gatekeeper support, outbound bandwidth management, VoIP over WLAN, deep inspection security, full interoperability with most VoIP gateway and communications devices

### System

Zone Security	Yes**
Object-based Management	Yes**
Management and Monitoring	Web GUI (HTTP, HTTPS), SNMP v2; Global management with SonicWALL GMS
Logging and Reporting	ViewPoint®, Local Log, Syslog
Failover/Failback	Yes**
WAN/WAN/Analog	Yes**
WAN/WAN	Yes**
WAN/Analog	Yes
Load Balancing	Yes, with percent-based, round robin and spill-over**
Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS
Wireless Standards	802.11b/g, WEP, WPA, TKIP, 802.1x, EAP-PEAP, EAP-TTLS

### Hardware

Interfaces	(7) 10/100 Ethernet (WAN, 5-port LAN switch, optional port)
Processor	SonicWALL Security Processor
Memory (RAM)	64 MB
Flash Memory	8 MB
Integrated Modem	v.92 Analog Modem
Antennas	Dual, External, 5 dBi Diversity (TZ 170 SP Wireless)
Radio Power***	802.11b 802.11g Up to 21 dBm/125 mW Max (TZ 170 SP Wireless) Up to 19 dBm/79 mW Max (TZ 170 SP Wireless)
Channels	Channels 1-11 Channels 1-13 Channels 1-14 US, Canada, Taiwan (TZ 170 SP Wireless) EU, Korea (TZ 170 SP Wireless) Japan (TZ 170 SP Wireless)
Radio Receive Sensitivity	(-86, -78, -70, -68) dBm at multiple (6, 24, 48, 54) Mbps (TZ 170 SP Wireless)
Power Input	100 to 240 VAC, 60-50 Hz, 6 A
Max Power Consumption	9.4 W (TZ 170 SP)/10.6 W (TZ 170 SP Wireless)
Total Heat Dissipation	32.1 BTU (TZ 170 SP)/36.1 BTU (TZ 170 SP Wireless)
Certifications	ICSA IPsec VPN 1.0d Pending ICSA Firewall 4.1, FIPS 140-2, EAL-2
Dimensions	9.07 x 6.63 x 1.63 in 23.03 x 16.84 x 4.14 cm
Weight	1.15 lbs/0.52 kg (TZ 170 SP) 1.40 lbs/0.64 kg (TZ 170 SP Wireless)
Major Regulatory Compliance	FCC Class B, ICES Class B, CE, C-Tick, VCCI, BSMI, MIC, UL, cUL, TUV/GS, CB, NOM
Environment	40-105° F, 5-40° C Humidity 10-90% non-condensing
MTBF	11.7 years (TZ 170 SP) 7.5 years (TZ 170 SP Wireless)

\* Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services. VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544.

\*\* With SonicOS Enhanced.

\*\*\* Power output of the radio will change to comply with local regulatory authority limitations.



SonicWALL TZ 170 SP  
01-SSC-5730 (US/Canada)



SonicWALL TZ 170 SP Wireless  
01-SSC-5740 (US)

SonicWALL network 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 please visit our Web site at [www.sonicwall.com](http://www.sonicwall.com).

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