The SonicWALL TZ 150 Series

Layered protection in an easy-to-use, affordable platform

- **Powerful deep packet inspection firewall**
- **Integrated gateway anti-virus, anti-spyware and intrusion prevention support**
- **Easy-to-use configuration wizards**
- **Comprehensive logging**
- **Dynamic Domain Name Service (DDNS) support**
- **Global management and reporting**
- **Integrated 802.11b/g wireless LAN option**
- **Wireless intrusion detection services**
- **Wireless firewalling**
- **Enforced IPSec encryption and WPA**
- **Wireless guest services**

Today's small business networks are susceptible to the same types of attacks as those faced by larger networks. And, while hackers have gained the most notoriety, it's actually viruses, spyware and worms that pose the most significant security threat. Low-end security appliances simply don't provide adequate protection from these threats and high-end solutions blow the budget. What's needed is an integrated solution that provides the security of a deep packet inspection firewall at a price small businesses can afford.

Enter the SonicWALL TZ 150 Series, a total security platform delivering layered protection to small offices in an easy-to-use, affordable platform. The TZ 150 Series integrates deep packet inspection firewall, IPSec 3DES/AES VPN and 802.11b/g secure wireless capabilities with support for gateway anti-virus, anti-spyware, intrusion prevention and content filtering to deliver true layered security. Secure remote access to critical network resources is available through SonicWALL VPN Client upgrades. Every TZ 150 Series appliance supports the SonicWALL portfolio of advanced security services and can be easily managed remotely as part of a multi-firewall and VPN environment using SonicWALL's industry-leading Global Management System (GMS).

Features and Benefits

Powerful deep packet inspection firewall protects against viruses, spyware, worms, Trojans and malicious application layer attacks, originating from either internal or external sources

Integrated gateway anti-virus, anti-spyware and intrusion prevention shields the network from dynamic threats including viruses, spyware, worms, Trojans, software vulnerabilities, and other malicious code. Protection is also provided for peer-to-peer and instant messenger applications, enabling the worry-free use of these productivity enhancing tools

Easy-to-use configuration wizards simplify even the most complicated tasks, including VPN set-up and NAT configuration

Comprehensive logging capabilities enable logs to be exported directly as plaintext or CSV files for help during remote troubleshooting

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

Additional Features in TZ 150 Wireless:

Integrated 802.11b/g wireless LAN option provides IPSec and WPA secured, high-speed wireless connectivity

Wireless intrusion detection services protect wireless networks from security threats and rogue access points

Wireless firewalling provides control over the communications between the appliance and connecting clients

Enforced IPSec encryption and WPA on the WLAN offers the highest available security for wireless traffic

Wireless guest services provide customers, partners and guests with wireless Internet-only access

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Specifications

SonicWALL TZ 150 Series

Firewall

Nodes Supported	10
Stateful Throughput	30+ Mbps*
Deep Packet Inspection	Protection from viruses, spyware, worms, Trojans, and application layer attacks. Requires Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service subscription
Gateway Anti-Virus Throughput	8 Mbps**
Connections	2,000
Policies	20
Denial of Service Attack Prevention	22 classes of DoS, DDoS and scanning attacks

VPN

3DES/AES Throughput	10+ Mbps*
Site-to-Site VPN Tunnels	2
Global VPN Client Licenses	Upgradeable to 2 for remote access Free for WLAN
Encryption	DES, 3DES, AES (128, 192, 256-bit)
Authentication	MD5, SHA-1
Key Exchange	Manual Key, PKI (X.509), IKE
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

Deep Inspection Security Services

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service	Comprehensive signature database. Peer-to-peer and instant messaging control and signature updates through Distributed Enforcement Architecture[1]
Content Filtering Service (CFS) Standard Edition	URL, keyword and content scanning ActiveX®, Java Applet, and Cookie blocking[2]
Gateway-enforced Network Anti-Virus	HTTP/S, SMTP, POP3, IMAP and FTP, Enforced McAfee™ Clients[3], e-mail attachment blocking
Bundled Features	1 year hardware warranty, 30 days 8x5/ international support and services as described above

Networking

DHCP	Relay, internal server
WAN Modes	NAT and Transparent Modes with static or dynamic addressing (NAT only on TZ 150 Wireless)
DDNS	Support for services offered by the following dynamic DNS providers: dyndns.org, yi.org, no-ip.com and changeip.com
Authentication	RADIUS, X.509, internal user database

Networking (cont.)

VoIP	Full H.323v1-5, SIP, gatekeeper support, outbound bandwidth management, call tracking and monitoring

System

Management and Monitoring	Web GUI (HTTP, HTTPS), SNMP v2; 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
Wireless Standards	802.11b/g, WEP, WPA, TKIP, PSK, 802.1x, EAP-PEAP, EAP-TTLS

Hardware

Interfaces	(5) 10/100 Ethernet (WAN, 4-port LAN switch)
Processor	SonicWALL Security Processor
Memory (RAM)	64 MB
Flash Memory	8 MB
Antennas	Single, non-detachable external 2 dBi 2.4 Ghz
Radio Power	802.11b: 16.5 dBm maximum (typical) 802.11g: 13 dBm maximum (typical)
Note: Power output of the radio will change to comply with local regulatory authority limitations	
Channels	
Channels 1-11	(2.412 – 2.462 GHz) US, Canada, Taiwan
Channels 1-13	(2.412 - 2.472 GHz) EU, Korea
Channels 1-14	(2.412 - 2.484 GHz) Japan
Radio Receive Sensitivity	
802.11b	-82 dBm @ 11 Mbps
802.11g	(-88,-79,-70,-68) dBm at multiple (6, 24, 48, 54) Mbps
Power Supply	
Input	100 to 240 VAC, 60-50 Hz, 1 A
Output	20 W, 12 VDC, 1.66 A
Max Power Consumption	
TZ 150	8.4 W
TZ 150 Wireless	9.9 W
Total Heat Dissipation	
TZ 150	28.6 BTU
TZ 150 Wireless	26.6 BTU
Certificates (Pending)	ICSA Firewall 4.1, ICSA IPSec VPN 1.0d
Dimensions	
TZ 150	7.45 x 4.85 x 1.06 in 18.92 x 12.33 x 2.70 cm
TZ 150 Wireless	7.45 x 6.00 x 1.06 in 18.92 x 15.24 x 2.70 cm
Weight	
TZ 150	1.25 lbs/0.57 kg
TZ 150 Wireless	1.30 lbs/0.59 kg
Major Regulatory Compliance	FCC Class B, ICES Class B, CE, C-Tick, VCCI Class B, MIC, NOM, UL, cUL, TUV/GS, CB
Environment	40-105° F, 5-40° C Humidity 10-90% non-condensing
MTBF	9.0 years

* Maximum performance based on RFC 2544 UDP. Actual performance may vary depending on 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 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 and Intrusion Prevention Service, Network Anti-Virus and Content Filtering Service please visit our Web site at
http://www.sonicwall.com/products/vpnsoft.html

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