



The SonicWALL TZ 150 Series

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.

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.



Specifications

SonicWALL TZ 150 Series

Firewall

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| 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** |
| Intrusion Prevention Throughput | 8 Mbps** |
| Connections | 2,000 |
| Policies | 20 |
| Denial of Service Attack Prevention | 22 classes of DoS, DDoS and scanning attacks |

VPN

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| 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 | MDS, 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

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| 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

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| DHCP | Relay, internal server |
| WAN Modes | NAT and Transparent Modes with static or dynamic addressing (TZ 150) |
| 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 |

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

Networking (cont.)

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

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| 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

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| 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

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| 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 |

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| Radio Receive Sensitivity | |
| 802.11b | -82 dBm @ 11 Mbps |
| 802.11g | (-88,-79,-70,-68) dBm at multiple (6, 24, 48, 54) Mbps |

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| Power Supply | |
| Input | 100 to 240 VAC, 60-50 Hz, 1 A |
| Output | 20 W, 12 VDC, 1.66 A |

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| Max Power Consumption | |
| TZ 150 | 8.4 W |
| TZ 150 Wireless | 9.9 W |

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| Total Heat Dissipation | |
| TZ 150 | 28.6 BTU |
| TZ 150 Wireless | 26.6 BTU |

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| Certificates (Pending) | ICSA Firewall 4.1, ICSA IPSec VPN 1.0d |
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| 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 |

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| Weight | |
| TZ 150 | 1.25 lbs/0.57 kg |
| TZ 150 Wireless | 1.30 lbs/0.59 kg |

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| Major Regulatory Compliance | FCC Class B, ICES Class B, CE, C-Tick, VCCI Class B, MIC, NOM, UL, cUL, TUV/GS, CB |
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| Environment | 40-105° F, 5-40° C Humidity 10-90% non-condensing |
| MTBF | 9.0 years |

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

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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SonicWALL TZ 150 Series

SonicWALL TZ 150 (US/Canada)
 01-SSC-5810

SonicWALL TZ 150 Wireless (US/Canada)
 01-SSC-5815

SonicWALL Comprehensive Gateway Security Suite for TZ 150 Series
 01-SSC-5846

SonicWALL Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service for TZ 150 Series
 01-SSC-5771

SonicWALL Content Filtering Service for TZ 150 Series
 01-SSC-5509

SonicWALL Network Anti-Virus for TZ 150 Series (5-User)
 01-SSC-2743

SonicWALL Network Anti-Virus for TZ 150 Series (10-User)
 01-SSC-2740

SonicWALL Support 8x5 for TZ 150 Series
 01-SSC-5818

SonicWALL Support 24x7 for TZ 150 Series
 01-SSC-5819

NOTE: Comprehensive Gateway Security Suite includes 1 year of 8x5 support, Content Filtering Service, Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service as well as ViewPoint reporting software.