The SonicWALL TZ 170 Series

Flexible and scaleable layered security at a low total cost of ownership

The SonicWALL® TZ 170 Series is the ideal total security platform for small networks including remote and branch offices and retail/POS deployments, providing organizations a choice between absolute ease-of-use for basic networks and unsurpassed flexibility for networks with more complex needs.

Integrating a stateful deep packet inspection firewall, 802.11b/g secure wireless, powerful intrusion prevention, failover/failback technologies, content filtering, gateway-enforced anti-virus, and IPSec VPN capabilities into a cost-effective solution, the TZ 170 Series scales to protect your investment as your organization grows. Available in multiple hardware and node configurations, including the **SonicWALL TZ 170, TZ 170 SP, TZ 170 Wireless** and **TZ 170 SP Wireless**, the **TZ 170 Series** allows you to add features and functionality when your network needs them.

Features and Benefits

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

Intrusion Prevention Service (IPS) subscription provides dynamic signature updates to the integrated deep packet inspection engine for sophisticated layer 4-7 protection, as well as instant messaging and peer-to-peer management

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

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

Gateway-enforced anti-virus guarantees that all users on the network strictly adhere to the anti-virus policy while enforcing up-to-the-minute virus updates, providing networks comprehensive and immediate time to protection

Content Filtering Service optimizes workforce productivity and management of network resources

Multiple hardware options and node configurations Enable SonicWALL appliances to fit any network deployment from small businesses to major enterprises

Intuitive configuration wizards simplify even the most complicated tasks, including VPN set-up to public server configuration

*Requires Intrusion Prevention Service subscription

Features and Benefits

- **Impenetrable wired and wireless security**
- **Powerful deep packet inspection firewall**
- **Comprehensive Intrusion Prevention Service**
- **Integrated 802.11b/g wireless**
- **Automated failover/failback**
- **Gateway-enforced anti-virus**
- **Flexible Content Filtering Service**

TZ 170

Powerful, proven network protection for smaller and distributed networks

TZ 170 Wireless

802.11g secure wireless platform to set your business free

TZ 170 SP

Integrated failover/failback for critical deployments, such as retail or healthcare

TZ 170 SP Wireless

Trusted secure wireless and integrated failover/failback for the ultimate in reliable wire-free networking

SONICWALL

SonicWALL TZ 170 Series - Wired and Wireless Security for Mission-critical Networks

SonicWALL's

TZ 170 Series

is the ultimate

total security

platform

for small

networks,

including

remote and

branch offices

and

retail/POS

deployments

Key Features

Security

- **Deep packet inspection firewall** plus SonicWALL's dynamically updated Intrusion Prevention Service guarantee protection against the latest threats

- **Advanced security services** provide multi-layer security, including intrusion prevention, anti-virus and content filtering

Wireless*

- **Wireless intrusion detection services** protect wireless networks from wireless 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

- **Distributed WLAN support** creates seamless integration and management of SonicPoint™ satellite access points
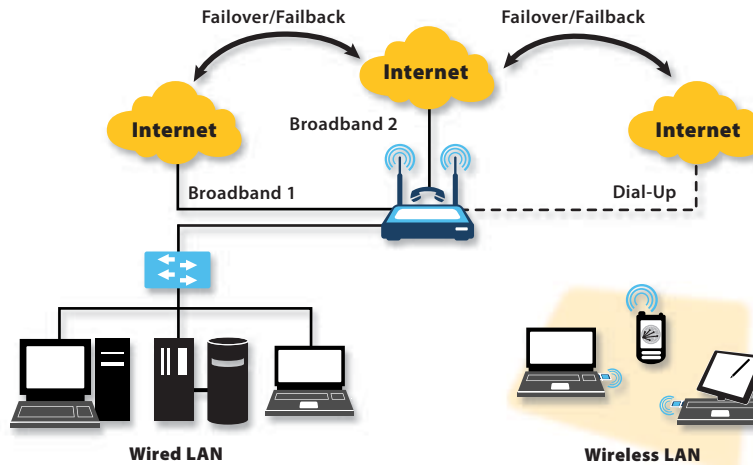
Business Continuity**

- **Integrated and automated failover and failback** technologies ensure continuous uptime for IPSec VPN tunnels while also providing the best connection speed possible

- **Broadband-to-broadband-to-analog WAN redundancy** provides unparalleled network uptime via multiple WAN redundancies

- **WAN/WAN failover and load balancing** offer round-robin, percent-based and spill-over load balancing

General

- **Integrated 5-port auto-MDIX switch** allows multiple computers to network together

- **System-on-a-chip technology** delivers 90Mbps of stateful packet inspection firewall and 30+Mbps 3DES and AES throughput

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

- **Advanced NAT modes** create flexible site-to-site connectivity and management

- **Award-winning Global Management System** (GMS) enables comprehensive management and reporting

*Available on Wireless models
**Available on SP models

Failover/Failback   Failover/Failback

Internet

Internet   Broadband 2   Internet

Broadband 1   Dial-Up

Wired LAN   **Wireless LAN**

SonicOS

SonicOS Standard allows rapid deployment in basic networks with a user-friendly Web interface and powerful wizards. Building upon SonicOS Standard, SonicOS Enhanced is a sophisticated software upgrade that provides advanced features for more complex network installations.

Features	SonicOS Standard	SonicOS Enhanced
Streamlined GUI	■	■
Advanced Management Wizards	■	■
Scheduled & Prompted Dial-out	■	■
WAN ISP Failover		■
Object-based Management		■
Policy-based NAT		■
SonicPoint Management		■
Configurable Optional Port	As Workport (TZ 170 only)	As Workport, LAN, WAN, WLAN, DMZ (on all models)

Specifications

Firewall

Firewall	TZ 170 SP Wireless	TZ 170 SP	TZ 170 Wireless	TZ 170
Nodes Supported	10 (25 and Unrestricted by node upgrade)		10, 25 and Unrestricted	
Stateful Throughput	90Mbps[†]			
Deep Packet Inspection	Protection from worms, Trojans, and application layer attacks. Requires Intrusion Prevention Service for signature updates.			
Connections	6,000			
Policies	100 (SonicOS Standard)/250 (SonicOS Enhanced)			
Attack Protection	22 classes of DoS, DDoS and scanning attacks			

VPN

VPN	TZ 170 SP Wireless	TZ 170 SP	TZ 170 Wireless	TZ 170
3DES/AES Throughput	30+Mbps[†]			
Site-to-Site VPN Tunnels	10 Node: 2 / 25 Node: 10 / Unrestricted Node: 10			
Bundled Global VPN Client Licenses for Remote Access	Optional		10 Node: Optional / 25 Node: 1 / Unrestricted Node: 1	
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			
Flexible VPN Termination	Any port for site-to-site and remote access tunnels			
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			
Single-arm VPN	N/A	Yes (Not available on SonicOS Enhanced)		

Deep Inspection Security Services

Deep Inspection Security Services	TZ 170 SP Wireless	TZ 170 SP	TZ 170 Wireless	TZ 170
Intrusion Prevention Service (IPS)	1,800+ 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	(SMTP, POP3) Enforced McAfee™ Clients[3] / E-mail attachment blocking			
Bundled Features	90 days 8x5/international support, Global VPN Clients and services as described above			

Networking

Networking	TZ 170 SP Wireless	TZ 170 SP	TZ 170 Wireless	TZ 170
DHCP	Relay, internal server			
NAT Modes	1:1, 1:many, many:1[††], many:many, flexible NAT (overlapping IPs)[††], PAT[††], transparent mode			
Policy-based Routing	Routing decisions based on combinations of Source IP, Destination IP and IP Service[††]			
Multicast	Secure multicast forwarding with full IGMPv1, v2, v3 support[††]			
Authentication	RADIUS, X.509, internal user database			
User Database	100 (SonicOS Standard)/150 (SonicOS Enhanced)			
VoIP	Full H.323v1-4, SIP, gatekeeper support, inbound/outbound bandwidth management, call tracking and monitoring, full vendor interoperability			

System

System	TZ 170 SP Wireless	TZ 170 SP	TZ 170 Wireless	TZ 170
Zone Security	Yes[††]			
Object-based Management	Yes[††]			
Management and Monitoring	Local CLI, Web GUI (HTTP, HTPS), SNMP v2; Global management with SonicWALL GMS			
Logging and Reporting	ViewPoint, Local Log, Syslog, WebTrends			
Failover/Failback				
WAN/WAN/Analog	Yes	Yes[††]	N/A	N/A
WAN/WAN	Yes	Yes[††]	Yes[††]	Yes[††]
WAN/Analog	Yes	Yes[††]	Yes	N/A
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	–	802.11b/g, WEP, WPA, TKIP, 802.1x, EAP-PEAP, EAP-TTLS	–

Specifications

Hardware	TZ 170 SP Wireless	TZ 170 SP	TZ 170 Wireless	TZ 170
Interfaces	(7) 10/100 Ethernet (WAN, 5-port LAN switch, optional port)			
Power over Ethernet (802.3af)	Yes	–	Yes	–
Processor	SonicWALL Security Processor			
Memory (RAM)	64MB			
Flash Memory	8MB			
Integrated Modem	v.92 Analog Modem		–	
Antennas	Dual, External 5 dBi Diversity	–	Dual, External 5 dBi Diversity	–
Radio Power Note: Power output of the radio will change to comply with local regulatory authority limitations	802.11b Up to 21 dBm/125 mW Max 802.11g Up to 19 dBm/79 mW Max	–	802.11b Up to 21 dBm/125 mW Max 802.11g Up to 19 dBm/79 mW Max	–
Channels (TZ 170 SP Wireless and TZ 170 Wireless only)	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	(-86,-78,-70,-68) dBm at multiple (6, 24, 48, 54)Mbps	–	(-86,-78,-70,-68) dBm at multiple (6, 24, 48, 54)Mbps	–
Power Supply	180 W			
Power Input	100 to 240 VAC, 60-50 Hz, 6 A			
Max Power Consumption	11.0 W	8.5 W	10.5 W	8.5 W
Total Heat Dissipation	37.5 BTU	29.0 BTU	35.8 BTU	27.3 BTU
Certifications (Pending)	ICSA Firewall 4.0, ICSA IPSec VPN 1.0d, EAL-2 and FIPS 140-2			
Dimensions	9.07 x 6.63 x 1.63 in 23.03 x 16.84 x 4.14 cm			
Weight	1.40 lbs 0.64 kg	1.15 lbs 0.52 kg	1.40 lbs 0.64 kg	1.15 lbs 0.52 kg
Major Regulatory Compliance	EMI: FCC Class B, ICES Class B, CE, C-Tick, VCCI, BSMI MIC Safety: UL, cUL, TUV/GS, CB, NOM			
Environment	40-105° F, 5-40° C Humidity 10-90% non-condensing			

†Testing Methodologies: Maximum performance based on RFC 2544 at 1518 byte packet for stateful throughput and 1460 byte packet for 3DES/AES throughput
††Requires SonicOS Enhanced 2.5 or greater   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. Enforced anti-virus, content filtering, and intrusion prevention can be deployed over both the wired and wireless LANs.

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

TZ 170 SP Wireless

5 dBi Diversity Dipole Antennas

Console Port   Modem Port   WAN   Optional Port   5-Port Auto-MDIX LAN Switch

TZ 170 SP

TZ 170 Wireless

5 dBi Diversity Dipole Antennas

Console Port   WAN   Optional Port   5-Port Auto-MDIX LAN Switch

TZ 170
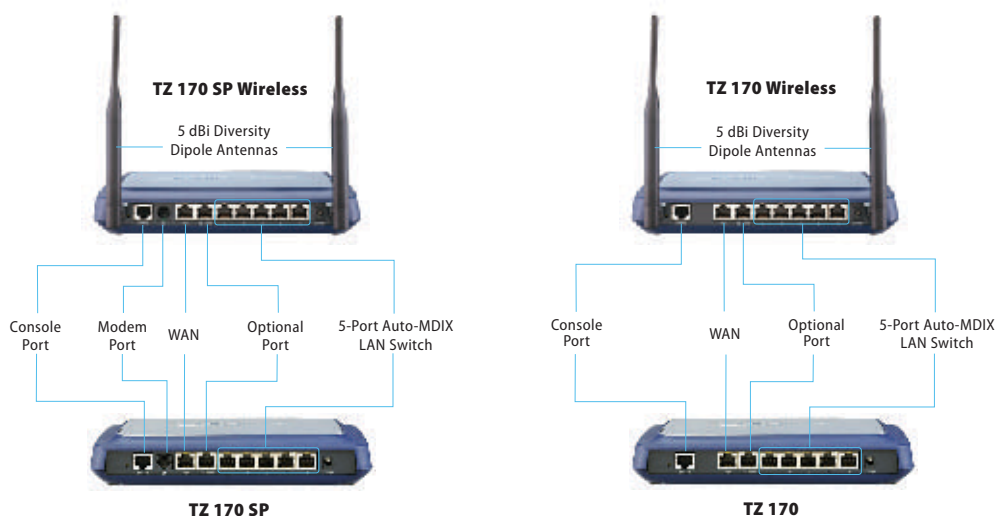
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