



# SonicWALL TZ 215 Series

FIREWALL

The highest-performing, most secure UTM firewall for small offices

- **High performance security engine**
- **Integrated intrusion prevention**
- **Advanced IPSec and SSL VPN**
- **Streamlined GUI and advanced management wizards**
- **Application intelligence, control and visualization**
- **Dual-band wireless**
- **Content/URL filtering**
- **Gateway Anti-Virus and Anti-Spyware Service**
- **Comprehensive Anti-Spam Service**
- **Multiple security zones**
- **WAN/ISP redundancy and failover**
- **Comprehensive centralized management**
- **Enforced Client Anti-Virus**

Today's evolving threat landscape renders stateful packet inspection (SPI) firewalls irrelevant. SPI does not secure your organization against malware passing from the web and mobile devices or enable application control, which can hurt the productivity of your employees and your organization. In addition, as business-critical applications move to the cloud, organizations need to ensure that bandwidth is available so that employees can quickly and easily access vital data. Only deep packet inspection (DPI) can do all this, by inspecting every byte of every packet. However, lesser solutions lack the power and sophistication to accomplish DPI without turning the firewall into a bottleneck for high-speed broadband networks. Organizations should not have to trade advanced DPI security and application control for network performance.

The new SonicWALL® TZ 215 is the highest-performing, most secure Unified Threat Management (UTM) firewall available today in its price point. It provides full deep packet inspection (DPI) without diminishing network performance, thus eliminating bottlenecks that other products introduce, while enabling businesses to realize increased productivity gains.

Designed for small businesses, distributed enterprises, branch offices and retail deployments, the new TZ 215 elegantly integrates the most effective anti-malware, intrusion prevention, URL filtering into a single solution, driving down cost and complexity. The TZ 215 adds application intelligence and control to ensure bandwidth for critical applications, while throttling non-productive ones. It speeds troubleshooting and forensics of real-time and historic data, using drill-down visualization and Application Traffic Analytics to provide deep insight into bandwidth utilization and security threats. Advanced networking features include multiple ISP failover and load balancing, optional dual-band secure wireless, IPSec VPN support, network segmentation and PCI compliance capabilities. The TZ 215 is the only UTM firewall with a native VPN remote access client for iOS, Google® Android™, Windows, Mac OS and Linux that supports Clean VPN™, which decontaminates threats from VPN traffic. SonicWALL Enforced Client Anti-Virus and Anti-Spyware provides maximum prevention with virtually no administrative overhead, and is available for purchase with either McAfee® or Kaspersky® anti-virus software. The TZ 215 is the most trusted, reliable and easy-to-use security platform on the market.

## Features and Benefits

**High-performance security engine** uses patented Reassembly-Free Deep Packet Inspection® technology\* to examine traffic simultaneously across all ports without introducing latency to the network.

**Integrated intrusion prevention** protects against a comprehensive array of network-based application-layer exploits that target both servers and client machines on the network.

**Advanced IPSec and SSL VPN** connectivity options provide easy-to-use, secure, high-speed office-to-office and client-to-office remote access.

**Streamlined GUI and advanced management** ease deployment and configuration through intuitive set-up wizards and a powerful web interface.

**Application intelligence, control and visualization** offers real-time categorization of application traffic by user, delivering insight into the network for quick diagnosis and reaction to potential issues.

**Dual-band wireless** provides integrated 802.11a/b/g/n secure wireless access for network clients over the 2.4 GHz and the 5 GHz spectrums, and is perfect for retail and office environments.

**Content/URL filtering** helps organizations and educational institutions enforce their acceptable-use policies and protect against inappropriate, illegal and dangerous web content.

**SonicWALL Gateway Anti-Virus and Anti-Spyware Service** provides the first layer of defense against Trojans, viruses, key loggers and other malware by blocking them at the gateway.

**SonicWALL Comprehensive Anti-Spam Service** utilizes real-time sender IP reputation analysis and cloud-based Advanced Content Management techniques to remove spam, phishing and virus-laden messages from inbound SMTP-based emails before they reach the network.

**Multiple security zones** provide network segregation with distinct security policies for each network segment.

**WAN/ISP redundancy and failover** increases network availability by seamlessly transitioning between multiple ISP connections in case of failure.

**Comprehensive centralized management** using the SonicWALL Global Management System (GMS®) provides award-winning tools for simplified configuration, enforcement and reporting of global security policies, VPN and services, all from a central location.

**SonicWALL Enforced Client Anti-Virus** provides an added layer of protection by ensuring network users are actively running McAfee or Kaspersky anti-virus software.

\* U.S. Patents 7,310,815; 7,600,257; 7,738,380; 7,835,361



# Specifications



SonicWall TZ 215  
01-SSC-4978  
SonicWall TZ 215 TotalSecure®  
01-SSC-4982



SonicWall TZ 215 Wireless-N  
(US/Canada)  
01-SSC-4979  
SonicWall TZ 215 Wireless-N TotalSecure®  
(US/Canada)  
01-SSC-4984

Firewall	TZ 215 Series
<b>SonicOS Version</b>	SonicOS 5.8.1 and later
<b>Stateful Throughput<sup>1</sup></b>	500 Mbps
<b>IPS Throughput<sup>2</sup></b>	110 Mbps
<b>GAV Throughput<sup>2</sup></b>	70 Mbps
<b>UTM Throughput<sup>2</sup></b>	60 Mbps
<b>IMIX Throughput<sup>2</sup></b>	110 Mbps
<b>Maximum Connections<sup>3</sup></b>	48,000
<b>Maximum UTM/DPI Connections</b>	32,000
<b>New Connections/Sec</b>	1,800
<b>Nodes Supported</b>	Unrestricted
<b>Denial of Service Attack Protection</b>	22 classes of DoS, DDoS and scanning attacks
<b>SonicPoints Supported</b>	16
<b>VPN</b>	
<b>3DES/AES Throughput<sup>4</sup></b>	130 Mbps
<b>Site-to-Site VPN Tunnels</b>	15
<b>Bundled GVC Licenses (Maximum)</b>	2 (25)
<b>Bundled SSL VPN Licenses (Maximum)</b>	2 (10)
<b>Encryption/Authentication/DH Group</b>	DES, 3DES, AES (128, 142, 256-bit), MD5, SHA-1/DH Group 1, 2, 5, 14
<b>Virtual Assist Bundled (Maximum)</b>	30-day trial (2)
<b>Key Exchange</b>	IKE, Manual Key, Certificates (X.509), L2TP over IPSec
<b>Certificate Support</b>	Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA for SonicWall-to-SonicWall VPN, SCEP
<b>VPN Features</b>	Dead Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Redundant VPN Gateway, Route-based VPN
<b>Global VPN Client Platforms Supported</b>	Microsoft® Windows 2000, Windows XP, Vista 32/64-bit, Windows 7 32/64-bit
<b>SSL VPN Platforms</b>	Microsoft Windows 2000/XP/Vista 32/64-bit/Windows 7, Mac OS X 10.4+, Linux FC3+/Ubuntu 7+/OpenSUSE
<b>Mobile Connect Platform Supported</b>	Apple® iOS 4.2 or higher, Google® Android™ 4.0 or higher
<b>Security Services</b>	
<b>Deep Packet Inspection Services</b>	Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Application Intelligence and Control
<b>Content Filtering Service (CFS)</b>	HTTP URL, HTTPS IP, keyword and content scanning, ActiveX, Java Applet, and cookie blocking, bandwidth management on filtering categories, allow/forbid lists
<b>Enforced Client Anti-Virus and Anti-Spyware</b>	McAfee® or Kaspersky®
<b>Comprehensive Anti-Spam Service<sup>5</sup></b>	Supported
<b>Application Intelligence and Control</b>	Application Traffic Visualization, Application Bandwidth Management
<b>Networking</b>	
<b>IP Address Assignment</b>	Static, (DHCP, PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP relay
<b>NAT Modes</b>	1:1, 1:many, many:1, many:many, flexible NAT (overlapping IPs), PAT, transparent mode
<b>VLANS</b>	20, PortShield
<b>DHCP</b>	Internal server, relay
<b>Routing</b>	OSPF, RIP v1/v2, static routes, policy-based routing, multicast
<b>Authentication</b>	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database, Terminal Services, Citrix
<b>Local User Database</b>	150 users
<b>VoIP</b>	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
<b>System</b>	
<b>Zone Security</b>	Yes
<b>Schedules</b>	Yes
<b>Object-based/Group-based Management</b>	Yes
<b>DDNS</b>	Dynamic DNS providers include: dyndns.org, yi.org, no-ip.com and changeip.com
<b>Management and Monitoring</b>	Local CLI, Web GUI (HTTP, HTTPS), SNMP v2; Global management with SonicWall GMS
<b>Logging and Reporting</b>	Analyzer, Scrutinizer, GMS, Local Log, Syslog, Solera Networks, NetFlow v5/v9, IPFIX with Extensions, Real-time Visualization
<b>Hardware Failover</b>	Active/Passive
<b>Anti-Spam</b>	RBL support, Allowed/Blocked Lists, Optional SonicWall Comprehensive Anti-Spam Service <sup>6</sup>
<b>Load Balancing</b>	Yes, Outgoing and Incoming
<b>Standards</b>	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3
<b>WAN Acceleration Support<sup>7</sup></b>	Yes
<b>Built-in Wireless LAN</b>	
<b>Standards</b>	802.11a/b/g/n (WEP, WPA, WPA2, 802.11i, TKIP, PSK, QoS, 1x, EAP-PEAP, EAP-TTLS)
<b>Virtual Access Points (VAPs)</b>	Up to 8
<b>Antennas (5 dBi Diversity)</b>	Triple, detachable, external
<b>Radio Power—802.11a/802.11b/802.11g</b>	15.5 dBm max/18 dBm max/17 dBm @ 6 Mbps, 13 dBm @ 54 Mbps
<b>Radio Power—802.11n (2.4GHz)/802.11n (5.0GHz)</b>	19 dBm MCS 0, 11 dBm MCS 15/17 dBm MCS 0, 12 dBm MCS 15
<b>Radio Receive Sensitivity—802.11a/802.11b/802.11g</b>	-95 dBm MCS 0, -81 dBm MCS 15/-90 dBm @ 11Mbps/ -91 dBm @ 6Mbps, -74 dBm @ 54 Mbps
<b>Radio Receive Sensitivity—802.11n (2.4GHz)/802.11n (5.0GHz)</b>	-89 dBm MCS 0, -70 dBm MCS 15/ -95 dBm MCS 0, -76 dBm MCS 15
<b>Hardware Built-in Wireless LAN</b>	
<b>Interfaces</b>	(7) 10/100/1000 Copper Gigabit, 2 USB, 1 Console
<b>Flash Memory/RAM</b>	32 MB/512 MB
<b>3G Wireless/Modem<sup>8</sup></b>	Supported with approved adapters <sup>9</sup>
<b>USB Ports</b>	2
<b>Power Input</b>	100 to 240 VAC, 50-60 Hz, 1 A
<b>Max Power Consumption</b>	11W/15W
<b>Total Heat Dissipation</b>	37BTU/SOBTU
<b>Certifications</b>	VPNC, ICSA Firewall 4.1
<b>Certifications Pending</b>	EAL4+, FIPS 140-2 Level 2, IPv6 Phase 1, IPv6 Phase 2
<b>Form Factor and Dimensions</b>	7.125 x 1.5 x 10.5 in (18.1 x 3.81 x 26.67 cm)
<b>Weight</b>	1.95 lbs/0.97 kg 2.15 lbs/0.97 kg
<b>Major Regulatory Compliance</b>	FCC Class A, CES Class A, CE, C-Tick, VCCI, Compliance MIC, NOM, UL, cUL, TUV/GS, CB, NOM, WEEE, RoHS
<b>Environment/Humidity</b>	40-105° F, 0-40° C / 5-95% non-condensing
<b>MTBF</b>	28 years/15 years

<sup>1</sup> Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services. <sup>2</sup> UTM/Gateway AV/Anti-Spyware/IPS throughput measured using industry standard Spirent WebAvalanche HTTP performance test and Ixia test tools. Testing done with multiple flows through multiple port pairs. <sup>3</sup> Actual maximum connection counts are lower when DPI services are enabled. <sup>4</sup> VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. <sup>5</sup> 3G card and modem are not included. See <http://www.sonicwall.com/us/products/cardsupport.html> for supported USB devices. <sup>6</sup> The Comprehensive Anti-Spam Service supports an unrestricted number of users but is recommended for 250 users or less. <sup>7</sup> With SonicWall WXA Series Appliances.



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**SonicWALL's line-up of dynamic security solutions**

**NETWORK SECURITY**

**SECURE REMOTE ACCESS**

**WEB AND E-MAIL SECURITY**

**BACKUP AND RECOVERY**

**POLICY AND MANAGEMENT**

**SONICWALL**  
DYNAMIC SECURITY FOR THE GLOBAL NETWORK™