SonicWALL TZ 215 Series

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.

SONICWALL®

DYNAMIC SECURITY FOR THE GLOBAL NETWORK™

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
SonicOS Version	SonicOS 5.8.1 and later
Stateful Throughput[1]	500 Mbps
IPS Throughput[2]	110 Mbps
GAV Throughput[2]	70 Mbps
UTM Throughput[2]	60 Mbps
IMIX Throughput[2]	110 Mbps
Maximum Connections[3]	48,000
Maximum UTM/DPI Connections	32,000
New Connections/Sec	1,800
Nodes Supported	Unrestricted
Denial of Service Attack Protection	22 classes of DoS, DDoS and scanning attacks
SonicPoints Supported	16

VPN	
3DES/AES Throughput[4]	130 Mbps
Site-to-Site VPN Tunnels	15
Bundled GVC Licenses (Maximum)	2 (25)
Bundled SSL VPN Licenses (Maximum)	2 (10)
Encryption/Authentication/DH Group	DES, 3DES, AES (128, 142, 256-bit), MD5, SHA-1/DH Group 1, 2, 5, 14
Virtual Assist Bundled (Maximum)	30-day trial (2)
Key Exchange	IKE, Manual Key, Certificates (X.509), L2TP over IPSec
Certificate Support	Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA for SonicWALL-to-SonicWALL VPN, SCEP
VPN Features	Dead Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Redundant VPN Gateway, Route-based VPN
Global VPN Client Platforms Supported	Microsoft® Windows 2000, Windows XP, Vista 32/64-bit, Windows 7 32/64-bit
SSL VPN Platforms	Microsoft Windows 2000/XP/Vista 32/64-bit/Windows 7, Mac OSX 10.4+, Linux FC3+/Ubuntu 7+/OpenSUSE
Mobile Connect Platform Supported	Apple® iOS 4.2 or higher, Google® Android™ 4.0 or higher

Security Services	
Deep Packet Inspection Services	Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Application Intelligence and Control
Content Filtering Service (CFS)	HTTP URL, HTTPS IP, keyword and content scanning, ActiveX, Java Applet, and cookie blocking, bandwidth management on filtering categories, allow/forbid lists
Enforced Client Anti-Virus and Anti-Spyware	McAfee® or Kaspersky®
Comprehensive Anti-Spam Service[6]	Supported
Application Intelligence and Control	Application Traffic Visualization, Application Bandwidth Management

Networking	
IP Address Assignment	Static, (DHCP, PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP relay
NAT Modes	1:1, 1:many, many:1, many:many, flexible NAT (overlapping IPs), PAT, transparent mode
VLANS	20, PortShield
DHCP	Internal server, relay
Routing	OSPF, RIP v1/v2, static routes, policy-based routing, multicast
Authentication	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database, Terminal Services, Citrix
Local User Database	150 users
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
Schedules	Yes
Object-based/Group-based Management	Yes
DDNS	Dynamic DNS providers include: dyndns.org, yi.org, no-ip.com and changeip.com
Management and Monitoring	Local CLI, Web GUI (HTTP, HTTPS), SNMP v2; Global management with SonicWALL GMS
Logging and Reporting	Analyzer, Scrutinizer, GMS, Local Log, Syslog, Solera Networks, NetFlow v5/v9, IPFIX with Extensions, Real-time Visualization
Hardware Failover	Active/Passive
Anti-Spam	RBL support, Allowed/Blocked Lists, Optional SonicWALL Comprehensive Anti-Spam Service[6]
Load Balancing	Yes, Outgoing and Incoming
Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3
WAN Acceleration Support[7]	Yes

Built-in Wireless LAN	
Standards	802.11a/b/g/n (WEP, WPA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, EAP-TTLS)
Virtual Access Points (VAPs)	Up to 8
Antennas (5 dBi Diversity)	Triple, detachable, external
Radio Power–802.11a/802.11b/802.11g	15.5 dBm max/18 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps
Radio Power–802.11n (2.4GHz)/802.11n (5.0GHz)	19 dBm MCS 0, 11 dBm MCS 15/17 dBm MCS 0, 12 dBm MCS 15
Radio Receive Sensitivity–802.11a/802.11b/802.11g	-95 dBm MCS 0, -81 dBm MCS 15/-90 dBm @ 11Mbps/-91 dBm @ 6Mbps, -74 dBm @ 54 Mbps
Radio Receive Sensitivity–802.11n (2.4GHz)/802.11n (5.0GHz)	-89 dBm MCS 0, -70 dBm MCS 15/-95 dBm MCS 0, -76 dBm MCS 15

Hardware Built-in Wireless LAN	
Interfaces	(7) 10/100/1000 Copper Gigabit, 2 USB, 1 Console
Flash Memory/RAM	32 MB/512 MB
3G Wireless/Modem[5]	Supported with approved adapters[5]
USB Ports	2
Power Input	100 to 240 VAC, 50-60 Hz, 1 A
Max Power Consumption	11W/15W
Total Heat Dissipation	37BTU/50BTU
Certifications	VPNC, ICSA Firewall 4.1
Certifications Pending	EAL4+, FIPS 140-2 Level 2, IPv6 Phase 1, IPv6 Phase 2
Form Factor and Dimensions	7.125 x 1.5 x 10.5 in (18.1 x 3.81 x 26.67 cm)
Weight	1.95 lbs/0.97 kg 2.15 lbs/0.97 kg
Major Regulatory Compliance	FCC Class A, CES Class A, CE, C-Tick, VCCI, Compliance MIC, NOM, UL, cUL, TUV/GS, CB, NOM, WEEE, RoHS
Environment/Humidity	40-105° F, 0-40° C/ 5-95% non-condensing
MTBF	28 years/15 years

[1] Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services. [2] 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. [3] Actual maximum connection counts are lower when DPI services are enabled. [4] VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. [5] 3G card and modem are not included. See http://www.sonicwall.com/us/products/cardsupport.html for supported USB devices. [6] The Comprehensive Anti-Spam Service supports an unrestricted number of users but is recommended for 250 users or less. [7] With SonicWALL WXA Series Appliances.

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™