



## SonicWALL TZ Series

NETWORK SECURITY

**Fast, Flexible and Comprehensive Unified Threat Management Protection**

- **High-performance deep packet inspection firewall**
- **Real-time gateway anti-virus, anti-spyware, anti-spam and intrusion prevention**
- **Modular design with 3G and analog modem support**
- **Secure 802.11b/g/n wireless LAN**
- **Port level security**
- **Intuitive configuration wizards**
- **Global management and reporting**

Many businesses today are forced to choose between network security and network performance. Continuously increasing levels of attacks—viruses, worms, intrusions, malicious content and other threats—require the use of a broad range of network security services to provide sufficient protection. At the same time, the availability and use of faster broadband services is becoming commonplace. This means that today's firewall must scan ever-increasing amounts of network traffic in greater depth than ever before. As a result, businesses are forced to compromise either firewall performance or network security just to keep their business functioning.

With the SonicWALL® TZ Series of network security appliances there is no compromise. The TZ Series delivers industry leading Unified Threat Management (UTM) network protection services, featuring SonicWALL's patented Reassembly-free Deep Packet Inspection technology\*, to detect and remove threats. In addition, the TZ Series provides unparalleled throughput performance, up to 100 Mbps, to ensure network performance is not compromised while providing the security every business requires.

The TZ Series is designed for small and medium sized businesses as well as distributed enterprises with remote and branch offices. The TZ Series consists of the **SonicWALL TZ 180, TZ 190 and TZ 210** appliances all of which provide cost-effective yet uncompromising security and performance and depending on the model include features such as 802.11b/g/n wireless and 3G wireless broadband.

Each TZ Series appliance is available as a SonicWALL® TotalSecure™ solution, conveniently bundling all hardware and services needed for comprehensive network protection from a wide range of emerging network threats.

### Features and Benefits

A configurable **high-performance deep packet inspection firewall** provides enterprise-class protection for key Internet services such as Web, email, file transfer, Windows services and DNS.

**Gateway anti-virus, anti-spyware, anti-spam and intrusion prevention** provides real-time security against the latest viruses, spyware, spam, software vulnerabilities and other malicious code.

**Modular design features 3G wireless broadband and analog modem support** for use as either a primary or secondary WAN connection.

**Secure 802.11b/g/n wireless LAN** technologies provide WPA2 or IPsec secured high-speed wireless connectivity.

SonicWALL PortShield Architecture provides the flexibility to configure **port level security** for the LAN, providing protection between devices inside the LAN.

**Intuitive configuration wizards** simplify even the most complicated tasks, including VPN set-up, NAT configuration and public server configuration.

Award-winning **Global Management System (GMS)** provides comprehensive global management and reporting tools for simplified configuration, enforcement and management from a central location.

Consult the Key Features table for a list of features supported on each product.

#### TZ 180/TZ 180 Wireless

A highly flexible network security platform that provides threat protection for home, small, remote and branch offices.

#### TZ 190/TZ 190 Wireless

A complete network security platform for small businesses, branch offices or portable networks that adds modular PC and WAN support.

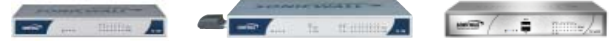
#### TZ 210/TZ 210 Wireless-N

The fastest multi-layered network security solution in its class, providing small businesses with unparalleled UTM protection at gigabit Ethernet speeds.

\*U.S. Patent 7,310,815—A method and apparatus for data stream analysis and blocking.



**Key Features**



Features	TZ 180 Series	TZ 190 Series	TZ 210 Series
<b>Interfaces</b>	7 Ethernet	10 Ethernet	2 Gigabit Ethernet 5 Fast Ethernet
<b>USB Ports</b>	-	-	2 (Future use)
<b>SonicOS Version</b>	Standard	Enhanced	Enhanced
<b>Upgradeable to SonicOS Enhanced</b>	Yes	N/A	N/A
<b>Site-to-Site VPN Tunnels Max</b>	10 Node = 2 25 Node = 10	15	15
<b>Bundled Global VPN Clients for Remote Access</b>	10 Node = 0 25 Node = 1	2	2
<b>Maximum Global VPN Clients</b>	10 Node = 5 25 Node = 25	25	25
<b>Deep Packet Inspection Firewall</b>	S	S	S
<b>Stateful Packet Inspection Firewall</b>	S	S	S
<b>Easy-to-Follow Configuration Wizards</b>	S	S	S
<b>Streamlined GUI</b>	S	S	S
<b>Wireless Firewalling</b>	S	S	S
<b>Wireless Intrusion Detection Services</b>	S	S	S
<b>Wireless Guest Services</b>	S	S	S
<b>Lightweight HotSpot Messaging</b>	S	S	S
<b>Inter-zone Scanning</b>	S	S	S
<b>Voice over IP (VoIP) Security</b>	S	S	S
<b>Manageable via SonicWALL's Award-winning Global Management System (GMS)</b>	S	S	S
<b>Optional 802.11b/g Wireless LAN</b>	S	S	S
<b>Optional 802.11n Wireless LAN</b>	-	-	S
<b>Advanced Wireless Security</b>			
IPSec over WLAN	S	S	S
WPA	S	S	S
WPA2	S	S	S
<b>Payment Card Industry (PCI) Compliance</b>	S	S	S
<b>Performance Optimized Mode</b>	S	S	S
<b>RBL Spam Blocking</b>	O	S	S
<b>PortShield Security</b>	O	S	S
<b>Integrated and Automated Failover and Failback</b>	O	S	S
<b>Object-based Management</b>	O	S	S
<b>Policy-based NAT</b>	O	S	S
<b>Load Balancing</b>	O	S	S
<b>SonicPoint Management</b>	O	S	S
<b>Configurable Optional Port</b>	TZ 180 = S TZ 180 W = O	S	-
<b>Hardware Failover</b>	-	-	Active/Passive (Stateless)
<b>3G Wireless WAN Support</b>	-	Standard with PC Card*	-
<b>Analog Modem Support</b>	-	Standard with PC Card*	-

S = Standard Feature    O = Optional Upgrade    - = Feature Not Available

\*Card not included. See <http://www.sonicwall.com/us/cardsupport.html> for supported 3G PCMCIA Type II cards and analog modem PCMCIA cards.

**SonicOS**



SonicOS Standard allows rapid deployment in basic networks with a user-friendly Web interface and powerful configuration wizards. Building upon SonicOS Standard, SonicOS Enhanced is a sophisticated software upgrade that integrates a host of advanced features to meet the business continuity, configuration flexibility and management requirements of complex networks today and into the future.

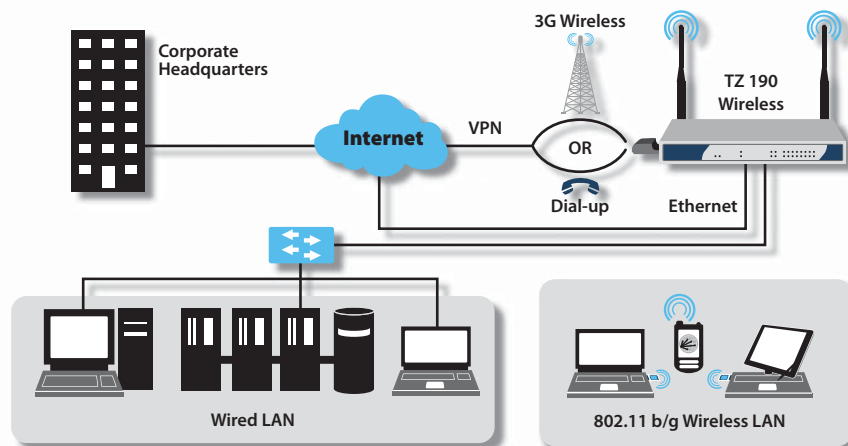
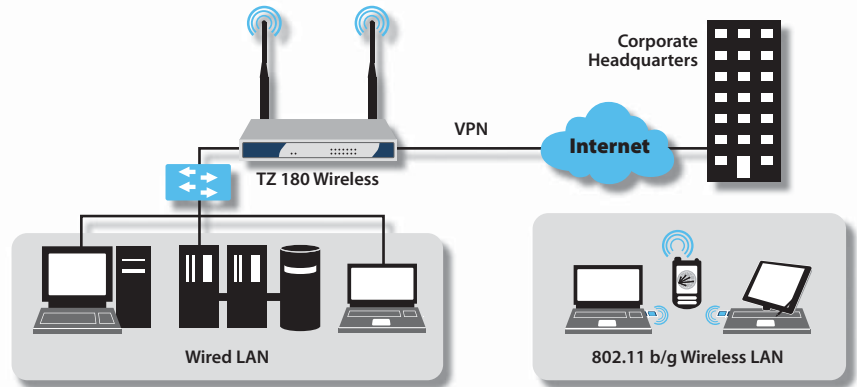
**SonicWALL's  
TZ Series is the  
ultimate security  
platform for  
small and  
distributed  
networks,  
including remote  
and branch  
offices and  
retail/POS  
deployments**

## Applications

### SonicWALL TZ 180 Series

Designed as a complete Unified Threat Management (UTM) platform delivering business-class protection to small, remote and branch office networks, the TZ 180 Series features an integrated 5-port auto-sensing MDIX switch and configurable optional port.

- Engineered for fast Unified Threat Management performance on networks running gateway anti-virus, anti-spyware, anti-spam and intrusion prevention
- Integrated 802.11b/g wireless LAN with WPA2 support delivers increased security and flexibility as well as greater range for wireless users
- Inter-zone scanning combines with Unified Threat Management protection to eliminate threats no matter where they originate—inside or outside the network



### SonicWALL TZ 190 Series

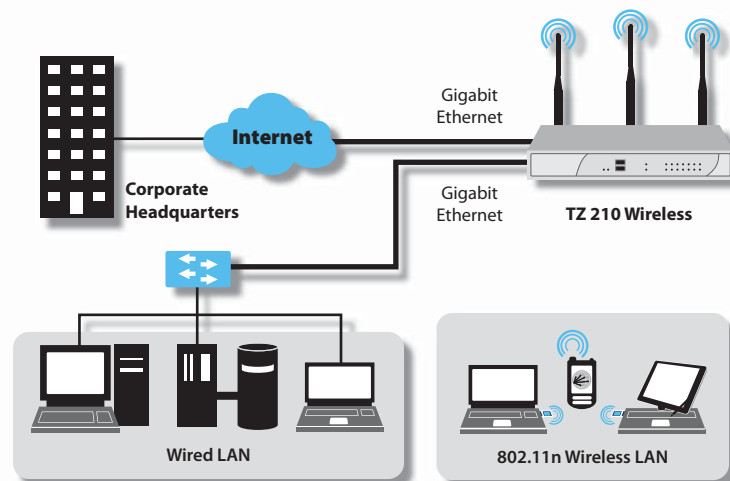
A high-performance security platform for small networks with mission-critical needs, the TZ 190 Series features an integrated Type II PC Card slot for use as either the primary or backup WAN connection. The TZ 190 also includes automated failover/failback, a deep packet inspection firewall and optional 802.11b/g wireless LAN access. Building on the capabilities of the TZ 180 Series, the TZ 190 Series provides additional functionality including:

- Rapidly establish secure 3G wireless broadband network access in an instant without the need for a fixed Internet connection
- Adherence to PCI standards make this the ultimate solution for retail point-of-sale merchants and service providers who require secure transmission of customer information
- Modular design enables the use of a wide range of PC cards (3G, analog modem) for greater usage flexibility

### SonicWALL TZ 210 Series

The flagship of the SonicWALL TZ Series, the TZ 210 Series is the fastest multi-layered network security solution in its class, and the first to offer small businesses and remote/branch offices unparalleled Unified Threat Management protection against continually-evolving threats at blazingly fast gigabit Ethernet speeds. The TZ 210 integrates a powerful deep packet inspection firewall, automated failover/failback technologies and optional 802.11n, the ultimate in high-speed wireless communications.

- Deep Packet Inspection throughput speeds up to 100 Mbps enable industry leading security with no compromise in performance
- 802.11n support delivers significant improvements in wireless communication performance
- Gigabit Ethernet WAN and LAN ports along with five Fast Ethernet ports provides flexible deployment options for any organization



# Specifications



SonicWALL TZ 180  
01-SSC-6550  
SonicWALL TZ 180 Wireless  
01-SSC-6551 (US/Canada)  
SonicWALL TZ 180 TotalSecure 10  
01-SSC-6097  
SonicWALL TZ 180 Wireless  
TotalSecure 10  
01-SSC-6098 (US/Canada)  
SonicWALL TZ 180 TotalSecure 25  
01-SSC-6085  
SonicWALL TZ 180 Wireless  
TotalSecure 25  
01-SSC-6086 (US/Canada)



SonicWALL TZ 190  
01-SSC-6850  
SonicWALL TZ 190 Wireless  
01-SSC-6851 (US/Canada)  
SonicWALL TotalSecure 3G  
(TZ 190)  
01-SSC-6087  
SonicWALL TotalSecure 3G Wireless  
(TZ 190 W)01-SSC-6088 (US/Canada)



SonicWALL TZ 210  
01-SSC-8753  
SonicWALL TZ 210 Wireless-N  
01-SSC-8754 (US/Canada)  
SonicWALL TZ 210 TotalSecure  
01-SSC-8769  
SonicWALL TZ 210 Wireless-N  
TotalSecure (US/Canada)  
01-SSC-8773



SonicWALL PC Card to  
ExpressCard Adapter  
(for TZ 190)  
01-SSC-2887

	TZ 180 Series	TZ 190 Series	TZ 210 Series
<b>Features</b>			
<b>Nodes Supported</b>	10/25 Unrestricted	Unrestricted	Unrestricted
<b>Deep Packet Inspection Throughput</b>			
Performance Optimized Mode	20 Mbps	20 Mbps	100 Mbps
Recommended Mode	10 Mbps	10 Mbps	50 Mbps
<b>Connections</b>	6,000	6,000	8,000
<b>Policies</b>	100/250*	250	250
<b>Denial of Service Attack Protection</b>	22 classes of DoS, DDoS and scanning attacks		
<b>VPN</b>			
<b>Encryption</b>	DES, 3DES, AES (128, 142, 256-bit)		
<b>Authentication</b>	MDS, SHA-1		
<b>Key Exchange</b>	IKE, Manual Key, Certificates (X.509)		
<b>XAUTH/RADIUS</b>	Yes		
<b>L2TP/IPSec</b>	Yes		
<b>Certificate Support</b>	Yes		
<b>Dead Peer Detection</b>	Yes		
<b>DHCP Over VPN</b>	Yes		
<b>IPSec NAT Traversal</b>	Yes		
<b>Redundant VPN Gateway</b>	Yes		
<b>Global VPN Client</b>	Microsoft® Windows 2000, Windows XP, Vista 32-bit		
<b>Platforms Supported</b>			
<b>Networking</b>			
<b>DHCP Routing</b>	Internal server, relay		
<b>NAT Modes</b>	1:1, 1:many, many:many, transparent mode	1:1, 1:many, many:1, many:many, flexible NAT (overlapping IPs), PAT, transparent mode	
<b>Routing</b>	RIPv1/v2 advertisement, static routes, policy-based routing* (SonicOS Enhanced only), multicast		
<b>Authentication</b>	RADIUS, Active Directory*, LDAP*, internal user database		
<b>DDNS</b>	Support for services offered by the following dynamic DNS providers: dyndns.org, yi.org, no-ip.com and changeip.com		
<b>User Database</b>	100/150*	150	150
<b>VoIP</b>	Full H.323v1-5, SIP, gatekeeper support, outbound bandwidth management, call tracking and monitoring		
<b>System</b>			
<b>Zone Security</b>	Yes*	Yes	Yes
<b>Object-based Management</b>	Yes*	Yes	Yes
<b>PortShield Security*</b>	Yes*	Yes	Yes
<b>Management and Monitoring</b>	Local CLI, Web GUI (HTTP, HTTPS), SNMP v2; Global management with SonicWALL GMS		
<b>Anti-Spam</b>	RBL support, Allowed/Blocked Lists, Optional SonicWALL Anti-Spam Desktop available		
<b>Load Balancing</b>	Yes, with percent-based, round robin and spill-over*		
<b>Built-in Wireless LAN</b>			
<b>Standards</b>	802.11b/g, WEP, WPA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, EAP-TTLS	802.11b/g/n, WEP, WPA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, EAP-TTLS	
<b>Antennas</b>	Dual, detachable, external 5 dBi diversity		Triple, detachable, external 5 dBi diversity
<b>Radio Power</b>			
802.11b	13 dBm maximum		18 dBm maximum
802.11g	20 dBm maximum @ 6~48 Mbps, 19 dBm @ 54 Mbps		18 dBm maximum @ 6~48 Mbps, 14 dBm @ 54 Mbps, 19 dBm MCS 0, 12 dBm MCS 15
802.11n	-		
<b>Radio Receive Sensitivity</b>			
802.11b	-89 dBm @ 11 Mbps		-90 dBm @ 11 Mbps
802.11g	-91 dBm @ 6 Mbps, -73 dBm @ 54 Mbps		-91 dBm @ 6 Mbps, -74 dBm @ 54 Mbps, -89 dBm MCS 0, -70 dBm MCS 15
802.11n	-		
<b>Hardware</b>			
<b>Memory</b>	128 MB	128 MB	256 MB
<b>Flash Memory</b>	16 MB	16 MB	32 MB
<b>PC Card</b>	-	3G or 56k analog modem	-
<b>Modem Dial-up</b>	-	With Modem PC Card**	-
<b>USB Ports</b>	-	-	2 (Future use)
<b>Power Input</b>	100 to 240 VAC, 50-60 Hz, 1 A		
<b>Max Power Consumption</b>	5.5 W/7.9 W (TZ 180 W)	12.7 W/15.1 W (TZ 190 W)	9.4 W/11.7 W (TZ 210 W)
<b>Total Heat Dissipation</b>	26.0 BTU/34.0 BTU (TZ 180 W)	43.8 BTU/51.6 BTU (TZ 190 W)	33 BTU/40 BTU (TZ 210 W)
<b>Certifications (Pending)</b>	ICSA Firewall 4.1, ICSA IPsec VPN 1.0d, FIPS 140-2, VPNC AES, Common Criteria EAL-2, WiFi		
<b>Dimensions</b>	8.3 x 4.9 x 1.1 in (21.1 x 12.4 x 2.8 cm)	10.0 x 7.0 x 1.2 in (25.4 x 17.8 x 3.0 cm)	8.9 x 5.9 x 1.9 in (22.5 x 14.9 x 3.6 cm)
<b>Weight</b>	1.40 lbs/0.64 kg 2.40 lbs/1.09 kg (TZ 180 W)	2.00 lbs/0.92 kg 2.20 lbs/1.00 kg (TZ 190 W)	2.0 lbs/1.0 kg 2.5 lbs/1.1 kg (TZ 210 W)
<b>Major Regulatory Compliance</b>	FCC Class B, ICES Class B, CE, C-Tick, VCCI Class B, MIC, NOM, UL, cUL, TUV/GS, CB, WEEE, RoHS		
<b>Environment</b>	40-105° F, 5-40° C		
<b>MTBF</b>	8.5 Years	9.6 Years	8.0 Years (min.)

\*With SonicOS Enhanced. \*\*Modem card not included. See <http://www.sonicwall.com/us/tz190cards.html> for supported analog modem PCMCIA cards.

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