SonicWALL TZ Series

High-performance network security for small and medium businesses, remote/branch offices and retail locations

The Dell SonicWALL TZ Series of next-generation firewalls (NGFW) is ideally suited for any organization that requires enterprise-grade network protection.

SonicWALL TZ Series firewalls provide broad protection from compromise by combining advanced security services consisting of on-box and cloud-based anti-malware, anti-spyware, intrusion prevention system (IPS), and content/URL filtering. To counter the trend of encrypted attacks, the new SonicWALL TZ Series has the ability and processing power to inspect SSL connections against the latest threats, providing an even higher level of security. Backed by the Dell SonicWALL Global Response Intelligent Defense (GRID) network, the SonicWALL TZ Series delivers continuous updates to maintain a strong network defense from cybercriminals. With full deep packet inspection operating at performance levels that match broadband connection speeds, the SonicWALL TZ Series is able to scan every byte of every packet on all ports and protocols with almost zero latency. This eliminates bottlenecks and allows organizations to use security as an enabler, not an inhibitor.

The SonicWALL TZ Series also features an integrated wireless access controller, 1-Gigabit Ethernet ports, and native VPN remote access clients for Apple IOS, Google Android, Windows, Mac OS and Linux for fast, secure mobile access. The Dell SonicWALL Global Management System (GMS) enables deployment and management of SonicWALL TZ Series firewalls from a single system at the central office.

The products include fully tested routing features for IPv4 and IPv6, including route-based VPN protocols OSPF and RIP v1/v2. Authentication protocols support includes LDAP and RADIUS as well as single sign-on capability that can integrate with Active Directory. All Dell SonicWALL firewalls provide advanced threat protection from botnets, and UDP and ICMP flooding.

Protection for SMB

The SonicWALL TZ Series offers small and medium business (SMB) a broad range of security protection in an integrated solution, with a wide selection of products to match speed and budget requirements. Intuitive wizards simplify deployment and setup. And should broadband service be interrupted, connections can be retained with integrated 3G/4G support. In addition, many of the SonicWALL TZ Series products feature integrated wireless controller support for high-speed 802.11ac SonicPoint wireless access points.[1]

Benefits:

- Keep your network safe from sophisticated modern threats with highly effective anti-malware, intrusion prevention and proven security architecture.
- Attain a higher level of security with deep packet inspection on all traffic – including encrypted SSL connections.
- Deploy a complete WLAN security solution combining the integrated wireless controller on SonicWALL TZ appliances with Dell SonicPoint 802.11ac wireless access points.
- Unleash the potential of your mobile workforce with highly secure SSL VPN remote access, natively available for devices running Apple iOS, Google Android, Amazon Kindle, Windows, Mac OS and Linux.
- Increase workplace productivity and reduce legal liability by filtering multiple categories of objectionable web content.
- Drive down TCO by simplifying deployment and ongoing management, with easy, user-friendly GUI.

[1] All Dell SonicWALL TZ series firewalls support external wireless access points. Integrated wireless functionality is available on our TZ 105, TZ 205, TZ 215 models.
[2]High Availability is available on the SonicWALL TZ500 and the SonicWALL TZ600

Managed security for distributed environments

Schools, retail shops, remote sites, branch offices and distributed enterprises need a solution that integrates with their corporate firewall. SonicWALL TZ Series firewalls share the same code base—and same protection—as our flagship SuperMassive next generation firewalls. This simplifies remote site management, as every administrator sees the same user interface (UI). In addition, GMS enables remote Dell firewalls to be monitored, configured and managed through a single pane of glass. By adding high-speed, secure wireless, the SonicWALL TZ Series also extends the protection perimeter to include customers and guests frequenting the retail site or remote office.

For complex distributed environments, Dell firewalls give you a strong security perimeter that extends from the central office to all remote locations to ensure consistent application of policies for the entire organization.

Series lineup

The SonicWALL TZ Series offers superior performance, scalability and energy efficiency.

Hardware specifications	SonicWALL SOHO	SonicWALL TZ300	SonicWALL TZ400	SonicWALL TZ500	SonicWALL TZ600
Dimensions (inches)	1.4x5.6x7.5	1.3x5.3x7.5	1.3x5.3x7.5	1.4x5.9x8.9	1.4x7.1x11.0
Network interfaces (all support 1 Gb Ethernet)	5	5	7	8	10
Console	1	1	1	1	1
USB (3G/4G WAN failover)	1	1	1	2	2
Expansion modle slot (future use)	-	-	-	-	1

SonicWALL SOHO


SonicWALL TZ300

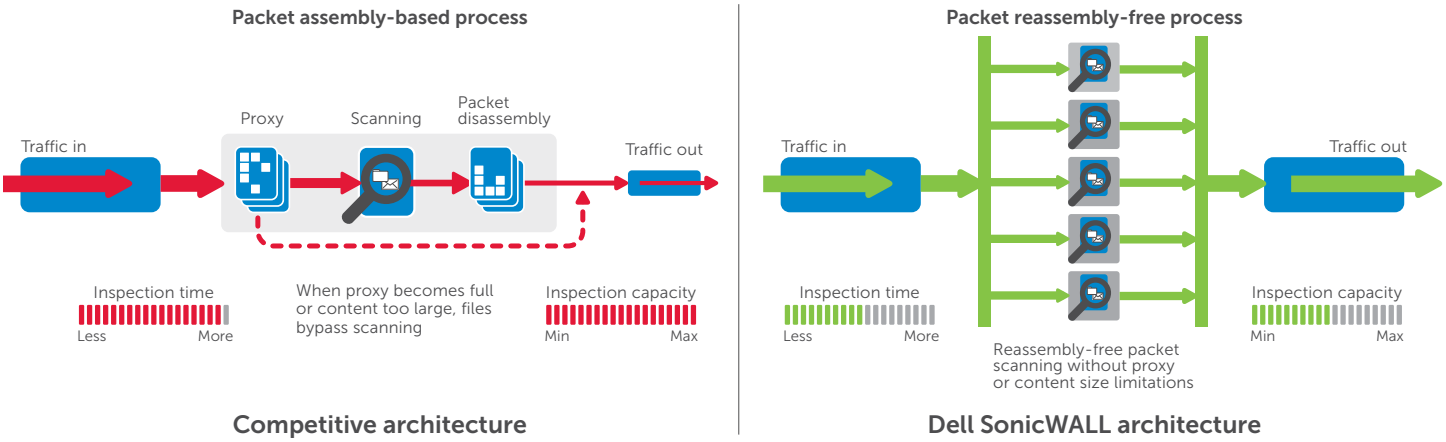

SonicWALL TZ400


SonicWALL TZ500


SonicWALL TZ600

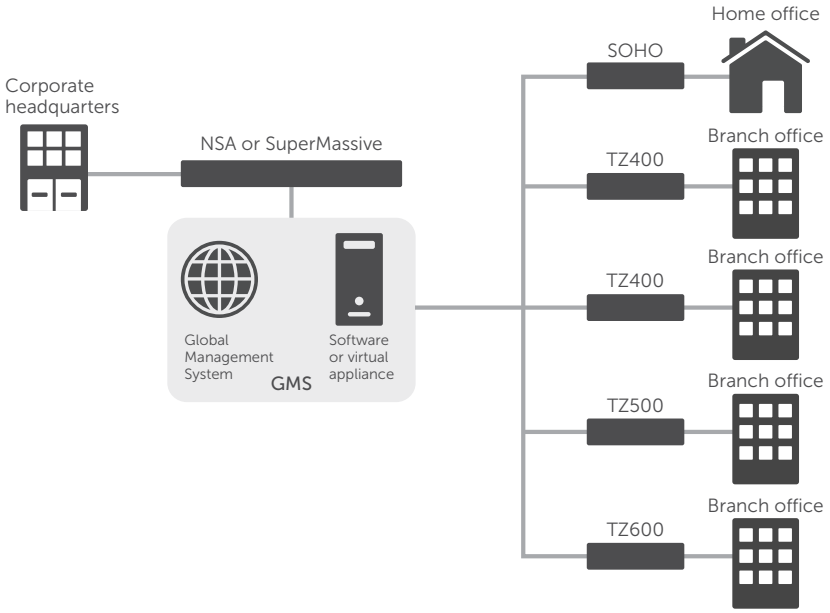

Reassembly-Free Deep Packet Inspection (RFDPI) engine

The RFDPI engine provides superior threat protection and application control without compromising performance. This patented engine inspects the traffic stream to detect threats at Layers 3-7. The RFDPI engine takes network streams through extensive and repeated normalization and decryption in order to neutralize advanced evasion techniques that seek to confuse detection engines and sneak malicious code into the network. Once a packet undergoes the necessary preprocessing, including SSL decryption, it is analyzed against a single proprietary memory representation of three signature databases: intrusion attacks, malware and applications. The connection state is then advanced to represent the position of the stream relative to these databases until it encounters a state of attack, or another "match" event, at which point a pre-set action is taken. As malware is identified, the SonicWALL firewall terminates the connection before any compromise can be achieved and properly logs the event. However, the engine can also be configured for inspection only or, in the case of application detection, to provide Layer 7 bandwidth management services for the remainder of the application stream as soon as the application is identified.



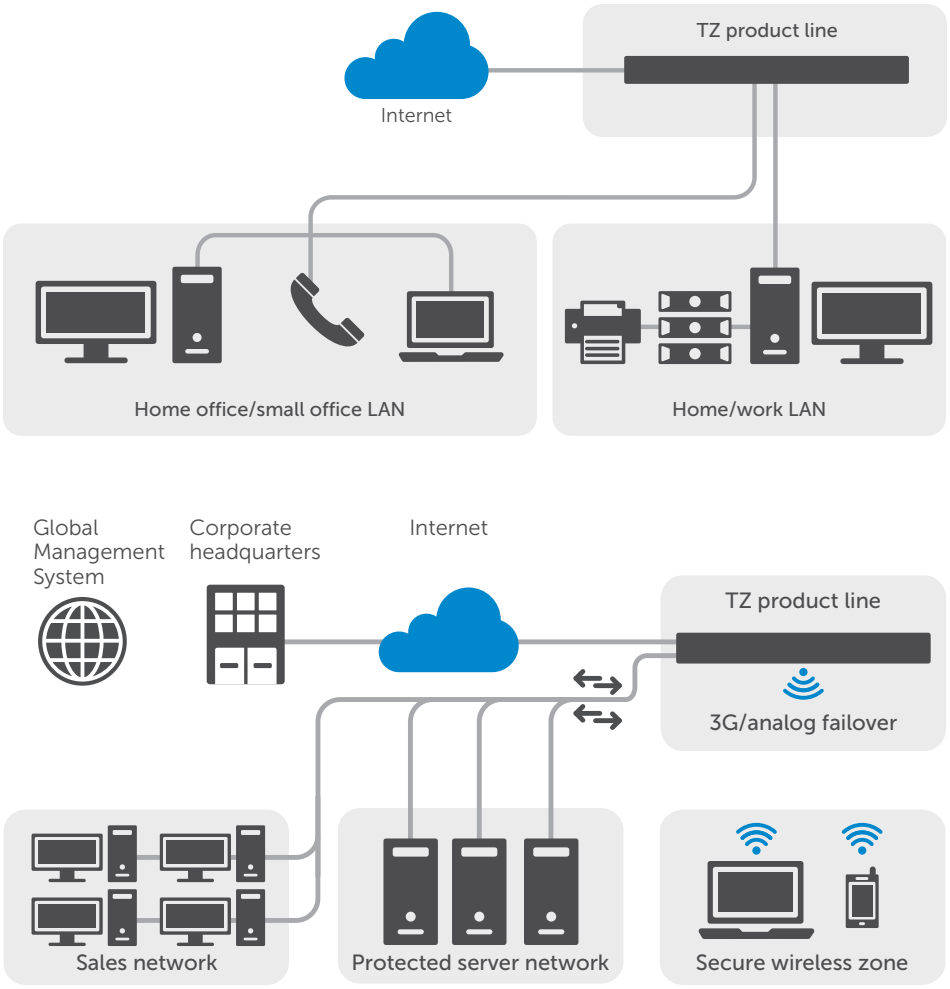
Extensible architecture for extreme scalability and performance

The RFDPI engine is designed from the ground up with an emphasis on providing security scanning at a high performance level, to match both the inherently parallel and ever-growing nature of network traffic. When combined with multi-core processor systems, this parallel-centric software architecture scales up perfectly to address the demands of deep packet inspection at high traffic loads. The SonicWALL TZ Series platform relies on processors that, unlike x86, are optimized for packet, crypto and network processing while retaining flexibility and programmability in the field—a weak point for ASICs systems. This flexibility is essential when new code and behavior updates are necessary to protect against new attacks that require updated and more sophisticated detection techniques.



Security and protection

The dedicated, in-house Dell SonicWALL Threat Research Team works on researching and developing countermeasures to deploy to the firewalls in the field for up-to-date protection. The team leverages more than one million sensors across the globe for malware samples, and for telemetry feedback on the latest threat Information, which in turn is fed into the intrusion prevention, anti-malware and application detection capabilities. Dell SonicWALL firewall customers with current subscriptions are provided continuously updated threat protection around the clock, with new updates taking effect immediately without reboots or interruptions. The signatures on the appliances protect against wide classes of attacks, covering up to tens of thousands of individual threats with a single signature. In addition to the countermeasures on the appliance, all Dell SonicWALL firewalls also have access to the Dell SonicWALL CloudAV service, which extends the onboard signature intelligence with more than 17 million signatures, and growing. This CloudAV database is accessed via a proprietary light-weight protocol by the firewall to augment the inspection done on the appliance. With Geo-IP and botnet filtering capabilities, Dell SonicWALL next-generation firewalls are able to block traffic from dangerous domains or entire geographies in order to reduce the risk profile of the network.



Application intelligence and control

Application intelligence informs administrators of application traffic traversing the network, so they can schedule application controls based on business priority, throttle unproductive applications, and block potentially dangerous applications. Real-time visualization identifies traffic anomalies as they happen, enabling immediate countermeasures against potential inbound or outbound attacks or performance bottlenecks. Dell SonicWALL application traffic analytics provide granular insight into application traffic, bandwidth utilization and security threats, as well as powerful troubleshooting and forensics capabilities. Additionally, secure single sign-on (SSO) capabilities enhance the user experience, increase productivity and reduce support calls. Management of application intelligence and control is simplified by using an intuitive web-based interface.

Global management and reporting

For larger, distributed enterprise deployments, the optional Dell SonicWALL Global Management System (GMS) provides administrators a unified, secure and extensible platform to manage Dell SonicWALL security appliances. It enables enterprises to easily consolidate the management of security appliances, reduce administrative and troubleshooting complexities and governs all operational aspects of the security infrastructure including centralized policy management and enforcement, real-time event monitoring, analytics and reporting, and more. GMS also meets the firewall change management requirements of enterprises through a workflow automation feature. This enables enterprises to gain agility and confidence in deploying the right firewall policies, at the right time, and in conformance with compliance regulations. GMS provides a better way to manage network security by business processes and service levels that dramatically simplify the lifecycle management of your overall security environments rather than on a device-by-device basis.

Features

RFDPI engine	
Feature	Description
Reassembly-Free Deep Packet Inspection	This high-performance, proprietary and patented inspection engine performs stream based bi-directional traffic analysis, without proxying or buffering, to uncover intrusion attempts, malware and identify application traffic regardless of port.
Bi-directional inspection	Scans for threats in both inbound and outbound traffic simultaneously to ensure that the network is not used to distribute malware, and does not become a launch platform for attacks in case an infected machine is brought inside.
Single-pass inspection	A single-pass DPI architecture simultaneously scans for malware, intrusions and application identification, drastically reducing DPI latency and ensuring that all threat information is correlated in a single architecture.
Stream-based inspection	Proxy-less and non-buffering inspection technology provides ultra-low latency performance for deep packet inspection of simultaneous network streams without introducing file and stream size limitations, and can be applied on common protocols as well as raw TCP streams.
Intrusion prevention	
Feature	Description
Countermeasure-based protection	Tightly integrated intrusion prevention system (IPS) leverages signatures and other countermeasures to scan packet payloads for vulnerabilities and exploits, covering a broad spectrum of attacks and vulnerabilities.
Automatic signature updates	The Dell SonicWALL Threat Research Team continuously researches and deploys updates to an extensive list of IPS countermeasures that covers more than 50 attack categories. The new updates take immediate effect without any reboot or service interruption required.
Intra-zone IPS protection	Bolsters internal security by segmenting the network into multiple security zones with intrusion prevention, preventing threats from propagating across the zone boundaries.
Botnet command and control (CnC) detection and blocking	Identifies and blocks command and control traffic originating from bots on the local network to IPs and domains that are identified as propagating malware or are known CnC points.
Protocol abuse/anomaly	Identifies and blocks attacks that abuse protocols in an attempt to sneak past the IPS.
Zero-day protection	Protects the network against zero-day attacks with constant updates against the latest exploit methods and techniques that cover thousands of individual exploits.
Anti-evasion technology	Extensive stream normalization, decoding and other techniques ensure that threats do not enter the network undetected by utilizing evasion techniques in Layers 2-7.
Threat prevention	
Feature	Description
Gateway anti-malware	The RFDPI engine scans all inbound, outbound and intra-zone traffic for viruses, Trojans, key loggers and other malware in files of unlimited length and size across all ports and TCP streams.
CloudAV malware protection	A continuously updated database of over 17 million threat signatures resides in the Dell SonicWALL cloud servers and is referenced to augment the capabilities of the onboard signature database, providing RFDPI with extensive coverage of threats.
Around-the-clock security updates	New threat updates are automatically pushed to firewalls in the field with active security services, and take effect immediately without reboots or interruptions.
SSL decryption and inspection	Decrypts and inspects SSL traffic on the fly, without proxying, for malware, intrusions and data leakage, and applies application, URL and content control policies in order to protect against threats hidden in SSL encrypted traffic Included with security subscriptions for all models except SOHO. Sold as a separate license on SOHO
Bi-directional raw TCP inspection	The RFDPI engine is capable of scanning raw TCP streams on any port bi-directionally preventing attacks that they to sneak by outdated security systems that focus on securing a few well-known ports.
Extensive protocol support	Identifies common protocols such as HTTP/S, FTP, SMTP, SMBv1/v2 and others, which do not send data in raw TCP, and decodes payloads for malware inspection, even if they do not run on standard, well-known ports.
Application intelligence and control	
Feature	Description
Application control	Control applications, or individual application features, that are identified by the RFDPI engine against a continuously expanding database of over 3,500 application signatures, to increase network security and enhance network productivity.
Custom application identification	Control custom applications by creating signatures based on specific parameters or patterns unique to an application in its network communications, in order to gain further control over the network.
Application bandwidth management	Granularly allocate and regulate available bandwidth for critical applications or application categories while inhibiting nonessential application traffic.
Granular control	Control applications, or specific components of an application, based on schedules, user groups, exclusion lists and a range of actions with full SSO user identification through LDAP/AD/Terminal Services/Citrix integration
Content filtering	
Feature	Description
Inside/outside content filtering	Enforce acceptable use policies and block access to websites containing information or images that are objectionable or unproductive with Content Filtering Service. Extend policy enforcement to block internet content for devices located outside the firewall perimeter with the Content Filtering Client.

Features

Content filtering	
Feature	Description
Granular controls	Block content using the predefined categories or any combination of categories. Filtering can be scheduled by time of day, such as during school or business hours, and applied to individual users or groups.
YouTube for Schools	Enable teachers to choose from hundreds of thousands of free educational videos from YouTube EDU that are organized by subject and grade and align with common educational standards.
Web caching	URL ratings are cached locally on the Dell SonicWALL firewall so that the response time for subsequent access to frequently visited sites is only a fraction of a second
Enforced anti-virus and anti-spyware	
Feature	Description
Multi-layered protection	Utilize the firewall capabilities as the first layer of defense at the perimeter, coupled with endpoint protection to block, viruses entering network through laptops, thumb drives and other unprotected systems.
Automated enforcement option	Ensure every computer accessing the network has the most recent version of anti-virus and anti-spyware signatures installed and active, eliminating the costs commonly associated with desktop anti-virus and anti-spyware management.
Automated deployment and installation option	Machine-by-machine deployment and installation of anti-virus and anti-spyware clients is automatic across the network, minimizing administrative overhead.
Always on, automatic virus protection	Frequent anti-virus and anti-spyware updates are delivered transparently to all desktops and file servers to improve end user productivity and decrease security management.
Spyware protection	Powerful spyware protection scans and blocks the installation of a comprehensive array of spyware programs on desktops and laptops before they transmit confidential data, providing greater desktop security and performance.
Firewall and networking	
Feature	Description
Stateful packet inspection	All network traffic is inspected, analyzed and brought into compliance with firewall access policies.
DDoS/DoS attack protection	SYN Flood protection provides a defense against DOS attacks using both Layer 3 SYN proxy and Layer 2 SYN blacklisting technologies. Additionally, it provides the ability to protect against DOS/DDoS through UDP/ICMP flood protection and connection rate limiting.
Flexible deployment options	The SonicWALL TZ Series can be deployed in traditional NAT, Layer 2 Bridge, Wire Mode and Network Tap modes.
IPv6 support	Internet Protocol version 6 (IPv6) is in its early stages to replace IPv4. With the latest SonicOS, the hardware will support filtering implementations.
High availability	SonicWALL TZ500 and SonicWALL TZ600 models support high availability with Active/Passive with state synchronization,
Management and reporting	
Feature	Description
Global Management System	Dell SonicWALL GMS monitors, configures and reports on multiple Dell SonicWALL appliances through a single management console with an intuitive interface to reduce management costs and complexity.
Powerful, single device management	An intuitive, web-based interface allows quick and convenient configuration. Also, a comprehensive command line interface and support for SNMPv2/3.
IPFIX/NetFlow application flow reporting	Exports application traffic analytics and usage data through IPFIX or NetFlow protocols for real-time and historical monitoring and reporting with tools such as Dell SonicWALL Scrutinizer or other tools that support IPFIX and NetFlow with extensions.
Virtual Private Networking	
Feature	Description
IPSec VPN for site-to-site connectivity	High-performance IPSec VPN allows the SonicWALL TZ Series to act as a VPN concentrator for thousands of other large sites, branch offices or home offices.
SSL VPN or IPSec client remote access	Utilizes clientless SSL VPN technology or an easy-to-manage IPSec client for easy access to email, files, computers, intranet sites and applications from a variety of platforms.
Redundant VPN gateway	When using multiple WANs, a primary and secondary VPN can be configured to allow seamless automatic failover and failback of all VPN sessions.
Route-based VPN	The ability to perform dynamic routing over VPN links ensures continuous uptime in the event of a temporary VPN tunnel failure, by seamlessly re-routing traffic between endpoints through alternate routes.
Content./context awareness	
Feature	Description
User activity tracking	User identification and activity are made available through seamless AD/LDAP/Citrix1/TerminalServices SSO integration combined with extensive information obtained through DPI.
GeoIP country traffic identification	Identifies and controls network traffic going to or coming from specific countries to either protect against attacks from known or suspected origins of threat activity, or to investigate suspicious traffic originating from the network.
Regular expression DPI filtering	Prevents data leakage by identifying and controlling content crossing the network through regular expression matching.

SonicOS feature summary

Firewall
- Reassembly-Free Deep Packet Inspection
- Deep packet inspection for SSL
- Stateful packet inspection
- Stealth mode
- Common Access Card (CAC) support
- DOS attack protection
- UDP/ICMP/SYN flood protection
- SSL decryption
- IPv6 Security

Intrusion prevention
- Signature-based scanning
- Automatic signature updates
- Bidirectional inspection engine
- Granular IPS rule capability
- GeoIP and reputation-based filtering
- Regular expression matching

Anti-malware
- Stream-based malware scanning
- Gateway anti-virus
- Gateway anti-spyware
- Bi-directional inspection
- No file size limitation
- Cloud malware database

Application control
- Application control
- Application component blocking
- Application bandwidth management
- Custom application signature creation
- Data leakage prevention
- Application reporting over NetFlow/IPFIX
- User activity tracking (SSO)
- Comprehensive application signature database

Web content filtering
- URL filtering
- Anti-proxy technology
- Keyword blocking
- Bandwidth manage CFS rating categories
- Unified policy model with app control
- 55 content filtering categories
- Content Filtering Service Client

VPN
- IPSec VPN for site-to-site connectivity
- SSL VPN and IPSec client remote access
- Redundant VPN gateway
- Mobile Connect for iOS and Android™
- Route-based VPN (OSPF, RIP)

Networking
- PortShield
- Layer-2 network discovery
- IPv6
- Enhanced logging
- Port mirroring
- Layer-2 QoS
- Port Security
- Dynamic routing
- SonicPoint Support (ACe, ACi, N2, NDR, Ne, Ni)
- Policy-based routing
- DHCP server
- Bandwidth management
- A/P high availability with state sync*
- Inbound/outbound load balancing
- L2 bridge, NAT mode DDNS
- 3G/4G WAN Fail-over

VoIP
- Granular QoS control
- Bandwidth management
- DPI for VoIP traffic
- H.323 gatekeeper and SIP proxy support

Management and monitoring
- Web GUI
- Command line interface (CLI)
- SNMPv2/v3
- Off-box reporting (Scrutinizer)
- Centralized management and reporting
- Logging
- Netflow/IPFix exporting
- App traffic visualization
- Centralized policy management
- Single Sign-On (SSO)
- Terminal service/Citrix support
- Application and bandwidth visualization
- IPv4 and IPv6 management

IPv6
- IPv6 filtering
- 6rd (rapid deployment)
- DHCP prefix delegation
- BGP

SonicWALL TZ Series system specification

Performance overview	SonicWALL SOHO	SonicWALL TZ300	SonicWALL TZ400	SonicWALL TZ500	SonicWALL TZ600
Operating system	SonicOS 5.9.1.3	SonicOS 6.2.3.1			
Security Processor	2x 400 MHz	2x 800 MHz	4x 800 MHz	4x 1 GHz	4x 1.4 GHz
Memory (RAM)	512 MB	1 GB	1 GB	1 GB	1 GB
Memory (Flash)	32 MB	64 MB	64 MB	64 MB	64 MB
1 GbE SFP interfaces	-	-	-	-	-
1 GbE Copper interfaces	5	5	7	8	10
100 MbE Copper interfaces	-	-	-	-	-
Expansion	USB	USB	USB	USB	Expansion Slot (Rear)*, USB
Firewall inspection throughput[1]	300 Mbps	750 Mbps	1,300 Mbps	1,400 Mbps	1,500 Mbps
Full DPI throughput[2]	50 Mbps	100 Mbps	300 Mbps	400 Mbps	500 Mbps
Application inspection throughput[2]	-	300 Mbps	900 Mbps	1,000 Mbps	1,100 Mbps
IPS throughput[2]	100 Mbps	300 Mbps	900 Mbps	1,000 Mbps	1,100 Mbps
Anti-malware inspection throughput2	50 Mbps	100 Mbps	300 Mbps	400 Mbps	500 Mbps
IMIX throughput[3]	60 Mbps	200 Mbps	500 Mbps	700 Mbps	900 Mbps
SSL Inspection and Decryption throughput (DPI SSL)[2]	15 Mbps	45 Mbps	100 Mbps	150 Mbps	200 Mbps
IPSec VPN throughput[3]	100 Mbps	300 Mbps	900 Mbps	1,000 Mbps	1,100 Mbps
Connections per second	1,800	5,000	6,000	8,000	12,000
Maximum connections (SPI)	10,000	50,000	100,000	125,000	150,000
Maximum connections (DPI)	10,000	50,000	90,000	100,000	125,000
Single Sign-On (SSO) Users	250	500	500	500	500
VLAN interfaces	25	25	50	50	50
SonicPoints supported (Maximum)	16	16	16	16	24
VPN	**SonicWALL SOHO**	**SonicWALL TZ300**	**SonicWALL TZ400**	**SonicWALL TZ500**	**SonicWALL TZ600**
Site-to-Site VPN Tunnels	10	10	20	25	50
IPSec VPN clients (Maximum)	1 (5)	1 (10)	2 (25)	2 (25)	2 (25)
SSL VPN licenses (Maximum)	1 (10)	1 (50)	2 (100)	2 (150)	2 (200)
Virtual assist bundled (Maximum)	-	1 (30-day trial)	1 (30-day trial)	1 (30-day trial)	1 (30-day trial)
Encryption/Authentication	DES, 3DES, AES (128, 192, 256-bit), MD5, SHA-1, Suite B Cryptography				
Key exchange	Diffie Hellman Groups 1, 2, 5, 14				
Route-based VPN	RIP, OSPF				
Certificate support	Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA for Dell SonicWALL-to-Dell 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 Vista 32/64-bit, Windows 7 32/64-bit, Windows 8.0 32/64-bit, Windows 8.1 32/64-bit				
NetExtender	Microsoft Windows Vista 32/64-bit, Windows 7, Windows 8.0 32/64-bit, Windows 8.1 32/64-bit, Mac OS X 10.4+, Linux FC3+/Ubuntu 7+/OpenSUSE				
Mobile Connect	Apple® iOS, Mac OS X, Google® Android™, Kindle Fire, Windows 8.1 (Embedded)				
Security services	**SonicWALL SOHO**	**SonicWALL TZ300**	**SonicWALL TZ400**	**SonicWALL TZ500**	**SonicWALL TZ600**
Deep Packet Inspection services	Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, DPI SSL				
Content Filtering Service (CFS)	HTTP URL, HTTPS IP, keyword and content scanning, Comprehensive filtering based on file types such as ActiveX, Java, Cookies for privacy, allow/forbid lists				
Enforced Client Anti-Virus and Anti-Spyware	McAfee®				
Comprehensive Anti-Spam Service	Supported				
Application Visualization	No	Yes	Yes	Yes	Yes
Application Control	Yes	Yes	Yes	Yes	Yes
Networking	**SonicWALL SOHO**	**SonicWALL TZ300**	**SonicWALL TZ400**	**SonicWALL TZ500**	**SonicWALL TZ600**
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				
Routing protocols	BGP, OSPF, RIPv1/v2, static routes, policy-based routing, multicast				
QoS	Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1e (WMM)				
Authentication	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database, Terminal Services, Citrix				
Local user database	150			250	
VoIP	Full H.323v1-5, SIP				
Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3				

SonicWALL TZ Series system specification

Networking	SonicWALL SOHO	SonicWALL TZ300	SonicWALL TZ400	SonicWALL TZ500	SonicWALL TZ600
Certifications	VPNC, IPv6 (Phase 2)				
Certifications pending	Common Criteria NDPP, FIPS 140-2 (with Suite B) Level 2, ICSA Firewall, ICSA Anti-virus, UC APL				
Common Access Card (CAC)	Supported				
High Availability	No	Active/Standby	Active/Standby	Active/Standby with stateful synchronization	Active/Standby with stateful synchronization
Hardware	**SonicWALL SOHO**	**SonicWALL TZ300**	**SonicWALL TZ400**	**SonicWALL TZ500**	**SonicWALL TZ600**
Form factor	Desktop				
Power Supply (W)	24W external	24W external	24W external	36W external	60W external
Maximum power consumption (W)	7.9	6.9	9.2	13.47	16.17
Input power	100 to 240 VAC, 50-60 Hz, 1 A				
Total heat dissipation	21.8 BTU	22.3 BTU	28.6 BTU	38.7 BTU	48.3 BTU
Dimensions	3.6x14.1x19cm	3.5x13.4x19cm	3.5x13.4x19cm	3.5x15x22.5cm	3.5x18x28cm
Weight	0.34 Kg	0.725 Kg	0.725 Kg	0.915 Kg	1.47 Kg
WEEE weight	0.8 Kg	1.145 Kg	1.148 Kg	1.338 Kg	1.893 Kg
Shipping weight	1.2 Kg	1.373 Kg	1.373 Kg	1.928 Kg	2.483 Kg
MTBF (Years)	58.9	56.1	54	40.8	18.4
Environment	40-105° F, 0-40° C				
Humidity	5-95% non-condensing				
Regulatory	**SonicWALL SOHO**	**SonicWALL TZ300**	**SonicWALL TZ400**	**SonicWALL TZ500**	**SonicWALL TZ600**
Regulatory Model	APL31 OB9	APL28 0B4	APL28 0B4	APL29 0B6	APL30 0B8
Major regulatory compliance	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE , REACH	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE , REACH	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE , REACH	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE , REACH, BSMI	FCC Class A, ICES Class A, CE (EMC, LVD, RoHS), C-Tick, VCCI Class A, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE , REACH
Wireless controller	**SonicWALL SOHO**	**SonicWALL TZ300**	**SonicWALL TZ400**	**SonicWALL TZ500**	**SonicWALL TZ600**
Standards	802.11 a/n	802.11 ac/a/n	802.11 ac/a/n	802.11 ac/a/n	802.11 ac/a/n

[1] Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services.
[2] Full DPI/GatewayAV/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] VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. All specifications, features and availability are subject to change. *Future use.

SonicWALL TZ Series ordering information

Product	SKU
Dell SonicWALL SOHO with 1-year TotalSecure	01-SSC-0651
Dell SonicWALL TZ300 with 1-year TotalSecure	01-SSC-0581
Dell SonicWALL TZ400 with 1-year TotalSecure	01-SSC-0514
Dell SonicWALL TZ500 with 1-year TotalSecure	01-SSC-0445
Dell SonicWALL TZ600 with 1-year TotalSecure	01-SSC-0219
High availability options (each unit must be the same model)	
Dell SonicWALL TZ500 High Availability	01-SSC-0439
Dell SonicWALL TZ600 High Availability	01-SSC-0220

Services	SKU
For Dell SonicWALL SOHO	
• Comprehensive Gateway Security Suite 1-year	01-SSC-0688
• Gateway Anti-Virus, Intrusion Prevention and Application Control 1-year	01-SSC-0670
• Content Filtering Service 1-year	01-SSC-0676
• Comprehensive Anti-Spam Service 1-year	01-SSC-0682
• 24x7 Support 1-year	01-SSC-0700
For Dell SonicWALL TZ300	
• Comprehensive Gateway Security Suite 1-year	01-SSC-0638
• Gateway Anti-Virus, Intrusion Prevention and Application Control 1-year	01-SSC-0602
• Content Filtering Service 1-year	01-SSC-0608
• Comprehensive Anti-Spam Service 1-year	01-SSC-0632
• 24x7 Support 1-year	01-SSC-0620
For Dell SonicWALL TZ400	
• Comprehensive Gateway Security Suite 1-year	01-SSC-0567
• Gateway Anti-Virus, Intrusion Prevention and Application Control 1-year	01-SSC-0534
• Content Filtering Service 1-year	01-SSC-0540
• Comprehensive Anti-Spam Service 1-year	01-SSC-0561
• 24x7 Support 1-year	01-SSC-0552
For Dell SonicWALL TZ500	
• Comprehensive Gateway Security Suite 1-year	01-SSC-0488
• Gateway Anti-Virus, Intrusion Prevention and Application Control 1-year	01-SSC-0458
• Content Filtering Service 1-year	01-SSC-0464
• Comprehensive Anti-Spam Service 1-year	01-SSC-0482
• 24x7 Support 1-year	01-SSC-0476
For Dell SonicWALL TZ600	
• Comprehensive Gateway Security Suite 1-year	01-SSC-0258
• Gateway Anti-Virus, Intrusion Prevention and Application Control 1-year	01-SSC-0228
• Content Filtering Service 1-year	01-SSC-0234
• Comprehensive Anti-Spam Service 1-year	01-SSC-0252
• 24x7 Support 1-year	01-SSC-0246

For more information

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