SonicWall TZ Series (Gen 7)

Integrated SD-Branch platform for next-gen SMBs & branches

The latest SonicWall TZ series, are the first desktop form factor next-generation firewalls (NGFW) with 10 or 5 Gigabit Ethernet interfaces. The series consist of a wide range of products to suit a variety of use cases.

Designed for small, mid-sized organizations and distributed enterprise with SD-Branch locations, the 7th generation (Gen 7) TZ series delivers industry-validated security effectiveness with best-in-class price-performance. These NGFWs address the growing trends in web encryption, connected devices and high-speed mobility by delivering a solution that meets the need for automated, real-time breach detection and prevention.



TZ Series (Gen 7) Spec Preview. View full specs »

Max Threat Prevention Throughput	Max Connections	Ports
2.5 Gbps	1.5 Million	8x1GbE, 2x2.5/5/10GbE

DATASHEET

HIGHLIGHTS

- 10/5/2.5/1 GbE interfaces in a desktop form factor
- SD-Branch ready
- Secure SD-WAN capability
- SonicExpress App onboarding
- Zero-Touch Deployment
- Single-pane-of-glass-management through cloud or firewall
- SonicWall Switch, SonicWave Access Point and Capture Client integration
- Built-in and expandable storage
- Redundant power
- DNS security
- Reputation-based Content Filtering Service (CFS 5.0)
- Wi-Fi 6 firewall management
- Network access control integration with Aruba ClearPass
- High port density
- Cellular failover
- SonicOS 7.0
- TLS 1.3 support
- Groundbreaking performance
- High connection count
- Fast DPI performance
- Low TCO
- Cloud Secure Edge Connector support

"The TZ570 is easy to onboard, use, and manage, and has an easy wizard and clear menus. I love to use SonicWall products, and really appreciate the support which SonicWall has extended."

— Gaurav Pandey, Head IT, Delhivery

Read case study »

The Gen 7 TZ series are highly scalable, with high port density of up to 10 ports. It features both in-built and an expandable storage of up to 256GB, that enables various features including logging, reporting, caching, firmware backup and more. An optional second power supply provides added redundancy in case of failure on select models.

Deployment of Gen 7 TZs are further simplified by Zero-Touch Deployment, with the ability to simultaneously roll out these devices across multiple locations with minimal IT support. Built on next-gen hardware, it integrates firewalling, switching and wireless capabilities, plus provides single-pane-of-glass management for SonicWall Switches and SonicWave Access Points. It allows tight integration with Capture Client for seamless endpoint security.

SonicOS and Security Services

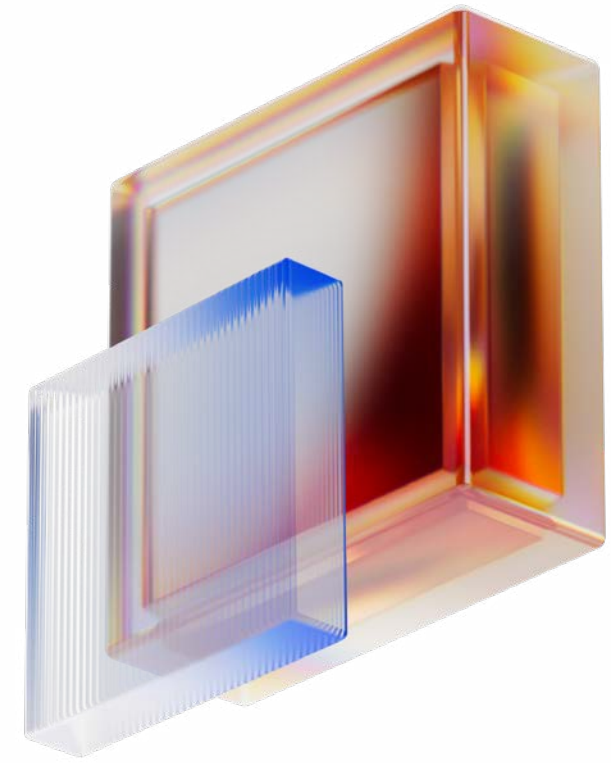
The SonicOS architecture is at the core of TZ NGFWs. Gen 7 TZs are powered by the feature rich SonicOS 7 operating system with new modern looking UX/UI, advanced security, networking and management capabilities. Gen 7 TZ features integrated SD-WAN, TLS 1.3 support, real-time visualization, high-speed virtual private networking (VPN) and other robust security features.

Unknown threats are sent to SonicWall's cloud-based Capture Advanced Threat Protection (ATP) multiengine sandbox for analysis. Enhancing Capture ATP is our patented Real-Time Deep Memory Inspection (RTDMI™) technology. As one of Capture ATP's engines, RTDMI detects and blocks malware and zero-day threats by inspecting directly in memory.

By leveraging Capture ATP with RTDMI technology, in addition to security services such as Reassembly-Free Deep Packet Inspection (RFDPI), Anti-virus and Anti-spyware Protection, intrusion prevention system, Application Intelligence and Control, Content Filtering Services, DPI-SSL, TZ series firewalls stop malware, ransomware and other advanced threats at the gateway.

Users can leverage the new Cloud Secure Edge Connector integration to provide a centralized and easy-to-manage option to provide secure access to their private applications. This approach ensures that user and device trust are repeatedly verified before granting access to specific applications, regardless of location and endpoint type.

For more information, refer the SonicOS and Security Services Datasheet.



Deployments

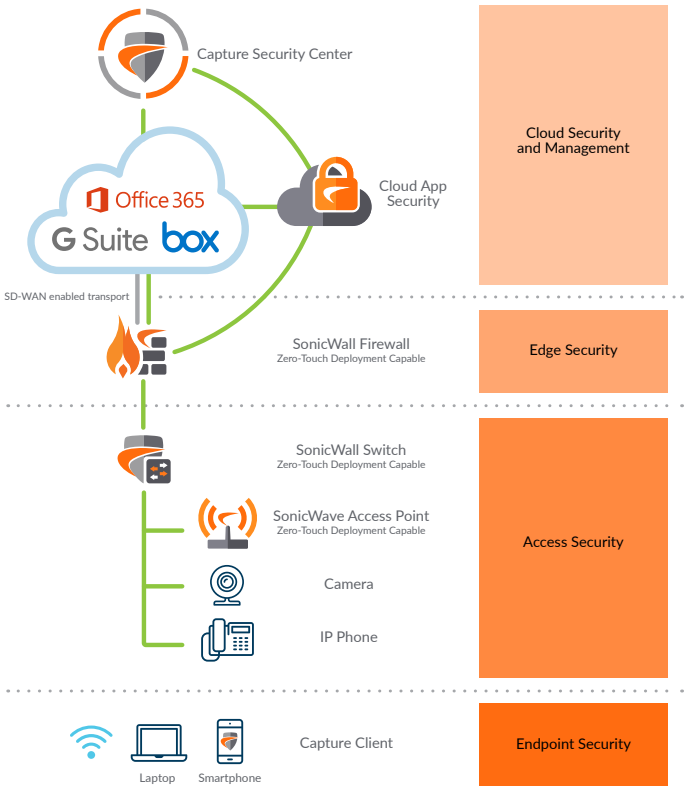
Small to Medium size Business

- Save space and money with an integrated gateway security solution with firewalling, switching and wireless capabilities
- Reduce complexity and get the business running without relying on IT personnel with easy onboarding using SonicExpress App and Zero-Touch Deployment, and easy management through a single pane of glass
- Attain business continuity by providing failover to cellular connectivity
- Protect network from attacks with a comprehensive security solution that incorporates VPN, IPS, CFS, AV and much more
- Leverage high port density to power on multiple PoE devices such as IP phones and IP cameras with TZ570P
- Boost employee productivity by blocking unauthorized access with traffic segmentation and access policies



Distributed Enterprise with SD-Branches

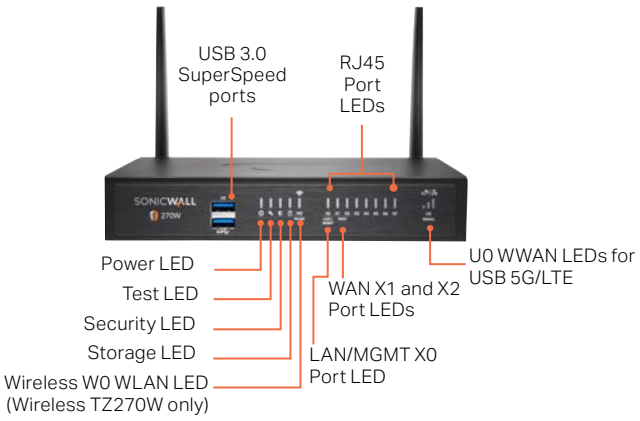
- Enhance customer experience and adapt to the changing business needs by enabling next-gen branch connectivity with SD-Branch
- Drive business growth by investing in next-gen appliances with multi-gigabit and advanced security features, to future-proof against the changing network and security landscape
- Secure networks from the most advanced attacks with advanced security features and automatically block threats on decrypted traffic using protocols such as TLS 1.3
- Leverage end-to-end network security with seamless integration of SonicWave access points, SonicWall Switches and Capture Client
- Ensure seamless communication as stores talk to HQ via easy VPN connectivity which allows IT administrators to create a hub and spoke configuration for the safe transport of data between all locations
- Improve business efficiency, performance and reduce costs by leveraging Gen 7 TZ's hardware and software enhancements, plus features such SD-WAN technology
- Scale quickly and effortlessly with SonicExpress App and Zero-Touch Deployment
- Ensure business continuity by providing failover to cellular connectivity
- Maintain compliance with security features, and leverage built-in and expandable storage to store logs for audit purposes



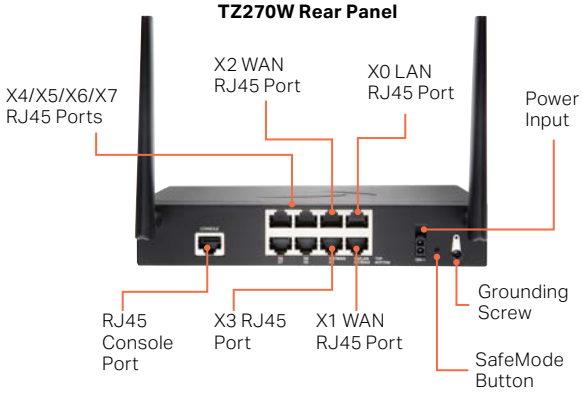
SonicWall TZ270 series

Designed for home offices and lean branches, the TZ270 series deliver industry-validated security effectiveness with best-in-class price-performance.

TZ270W Front Panel



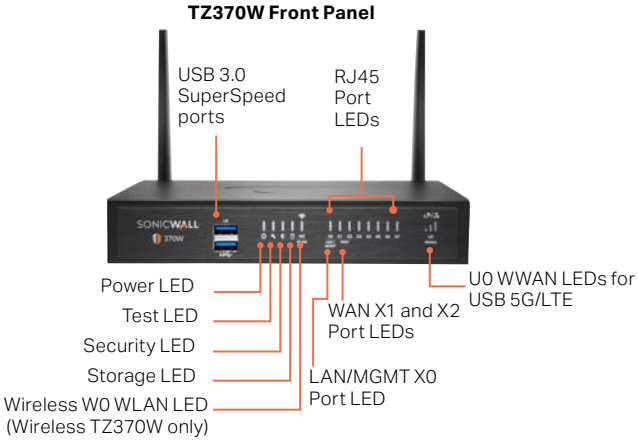
TZ270W Rear Panel



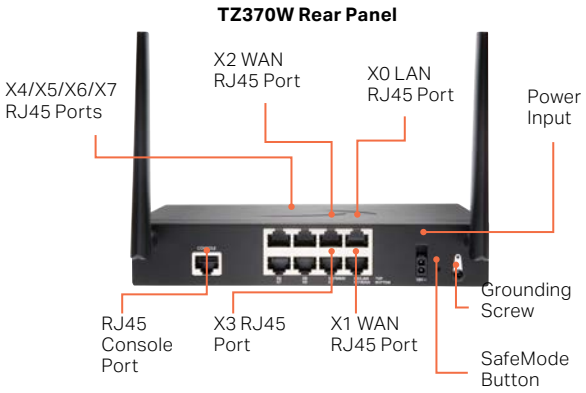
SonicWall TZ370 series

Designed for small organizations and lean branches, the TZ370 series deliver industry-validated security effectiveness with best-in-class price-performance.

TZ370W Front Panel



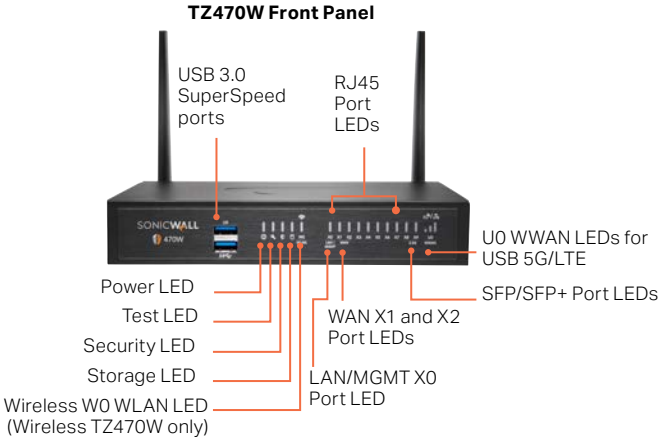
TZ370W Rear Panel



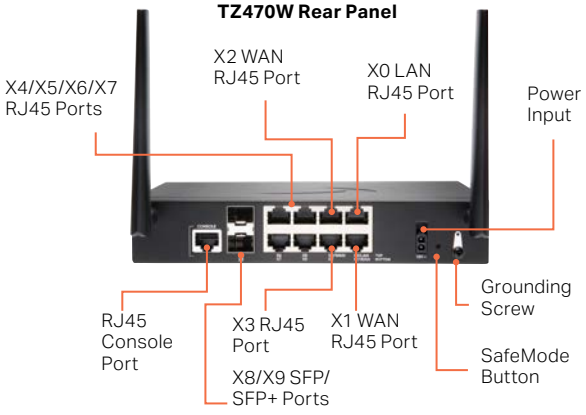
SonicWall TZ470 series

Designed for small organizations and distributed enterprise with SD-Branch locations, the TZ470 series deliver industry-validated security effectiveness with best-in-class price-performance.

TZ470W Front Panel



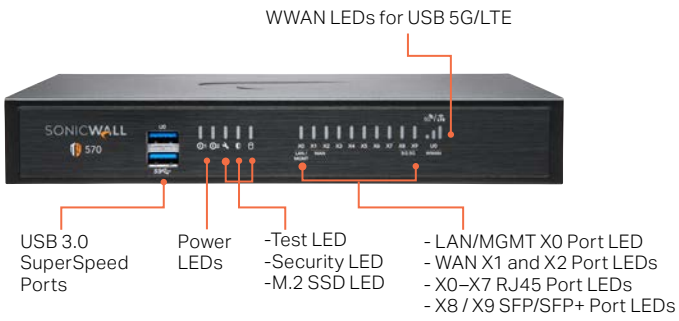
TZ470W Rear Panel



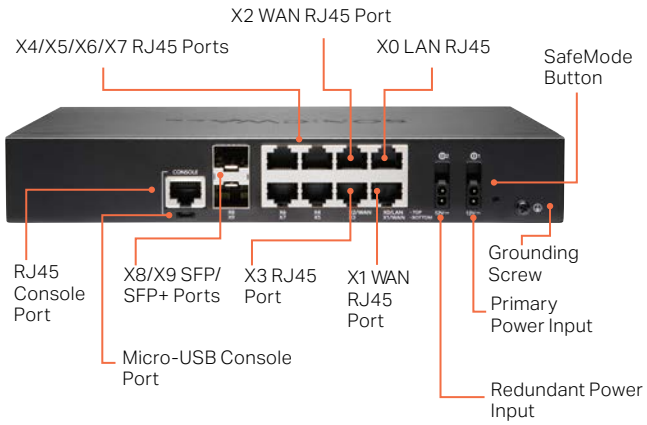
SonicWall TZ570 series

Designed for small to mid-sized organizations and distributed enterprise with SD-Branch locations, the TZ570 series deliver industry-validated security effectiveness with best-in-class price-performance.

TZ570 Front Panel



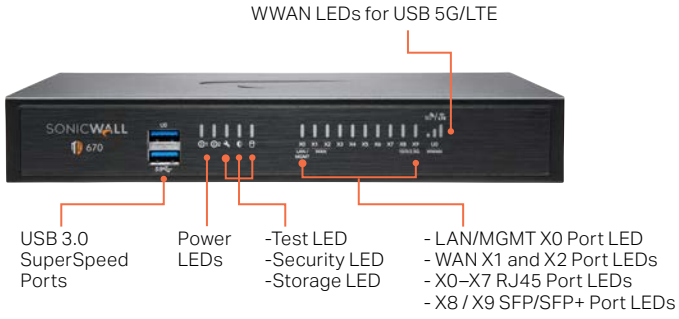
TZ570 Rear Panel



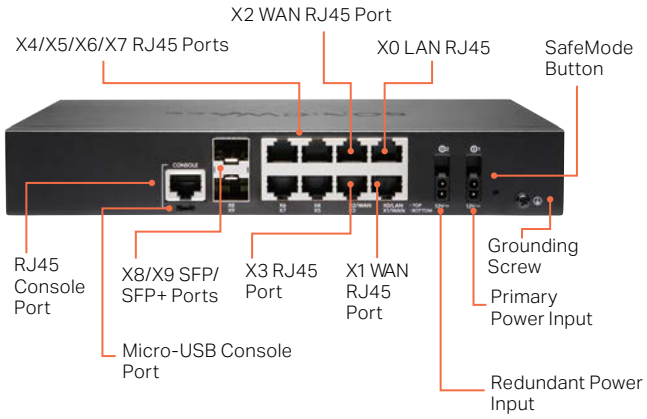
SonicWall TZ670 series

Designed for mid-sized organizations and distributed enterprise with SD-Branch locations, the TZ670 delivers industry-validated security effectiveness with best-in-class price-performance.

TZ670 Front Panel



TZ670 Rear Panel



SonicWall TZ Series (Gen 7) Specifications

Firewall General	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
Operating system	SonicOS 7				
Interfaces	8x1GbE, 2 USB 3.0, 1 Console	8x1GbE, 2 USB 3.0, 1 Console	8x1GbE, 2x2.5G SFP+, 2 USB 3.0, 1 Console	8x1GbE, 2x5G SFP+, 2 USB 3.0, 1 Console	8x1GbE, 2x10G SFP+, 2 USB 3.0, 1 Console
Wireless support	2x2 802.11ac Wave 2 (TZ270W)	2x2 802.11ac Wave 2 (TZ370W)	2x2 802.11ac Wave 2 (TZ470W)	2x2 802.11ac Wave 2 (TZ570W)	N/A
Power over Ethernet (PoE) support	N/A	N/A	N/A	5 PoE or 3PoE+ (TZ570P	N/A
Storage expansion slot (Bottom)	Optional up to 256GB				Optional up to 256GB, 32GB included
Management	Network Security Manager, CLI, SSH, Web UI, GMS, REST APIs				
Redundant power supply	N/A	N/A	N/A	Yes	Yes
Single Sign-On (SSO) Users	1,000	1,000	2,500	2,500	2,500
VLAN interfaces	64	128	128	256	256
Access points supported (maximum)	16	16	32	32	32

Firewall/VPN Performance	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
Firewall inspection throughput[1]	2 Gbps	3 Gbps	3.5 Gbps	4 Gbps	5 Gbps
Threat prevention throughput[2]	750 Mbps	1 Gbps	1.5 Gbps	2 Gbps	2.5 Gbps
Application inspection throughput[2]	1 Gbps	1.5 Gbps	2 Gbps	2.5 Gbps	3 Gbps
IPS throughput[2]	1 Gbps	1.5 Gbps	2 Gbps	2.5 Gbps	3 Gbps
Anti-malware inspection throughput[2]	750 Mbps	1 Gbps	1.5 Gbps	2 Gbps	2.5 Gbps
TLS/SSL inspection and decryption throughput (DPI SSL)[2]	300 Mbps	500 Mbps	600 Mbps	750 Mbps	800 Mbps
IPSec VPN throughput[3]	750 Mbps	1.38 Gbps	1.5 Gbps	1.8 Gbps	2.1 Gbps
Connections per second	6,000	9,000	12,000	16,000	25,000
Maximum connections (SPI)	750,000	900,000	1,000,000	1,250,000	1,500,000
Maximum connections (DPI)	150,000	200,000	250,000	400,000	500,000
Maximum connections (DPI SSL)	25,000	30,000	35,000	50,000	75,000

VPN	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
Site-to-site VPN tunnels	50	100	150	200	250
IPSec VPN clients (maximum)	5 (200)	5 (200)	5 (200)	10 (500)	10 (500)
SSL VPN licenses (maximum)	1 (50)	2 (100)	2 (150)	2 (200)	2 (250)
Encryption/authentication	DES, 3DES, AES (128, 192, 256-bit)/MD5, SHA-1, Suite B Cryptography				
Key exchange	Diffie Hellman Groups 1, 2, 5, 14v				
Route-based VPN	RIP, OSPF, BGP				
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 10				
NetExtender	Microsoft® Windows 10, Linux				
Mobile Connect	Apple® iOS, Mac OS X, Google® Android™, Kindle Fire, Chrome OS, Windows 10				

Security Services	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
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				
Comprehensive Anti-Spam Service	Yes				
Application Visualization	Yes				
Application Control	Yes				
Capture Advanced Threat Protection	Yes				

Networking	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
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				
QoS	Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1e (WMM)				
Authentication	LDAP (multiple domains), XAUTH/RADIUS, SSO, Novell, internal user database, Terminal Services, Citrix, Common Access Card (CAC)				

Networking	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
Local user database	150	250	250	250	250
VoIP	Full H323-v1-5, SIP				
Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3				
Certifications	Granted: FIPS 140-2 Level 2 (with Suite B), IPv6/USGv6, ICSA Network Firewall, ICSA Firewall Enterprise, ISCA Network Antivirus / AntiMalware Pending: Common Criteria NDPP (with VPN and IPS), DoDIN, CSfC				
High availability	Active/Standby with stateful synchronization				
Hardware	**TZ270 SERIES**	**TZ370 SERIES**	**TZ470 SERIES**	**TZ570 SERIES**	**TZ670 SERIES**
Form factor	Desktop[4]				
Power supply	36W external	36W external	36W external	60W external (TZ570/570W), 180W external (TZ570P only)	60W external
Maximum power consumption (W)	16.84 (TZ270), 18.91 (TZ270W)	16.84 (TZ370), 18.91 (TZ370W)	19.95 (TZ470), 21.98 (TZ470W)	13.4 (TZ570), 15.3 (TZ570W), 108.75 (TZ570P)	13.1
Input power	100 - 240 VAC, 50-60 Hz, 3A	100 - 240 VAC, 50-60 Hz, 3A	100 - 240 VAC, 50-60 Hz, 3A	100-240 VAC, 50-60 Hz	100-240 VAC, 50-60 Hz
Total heat dissipation (BTU)	57.42 (TZ270), 64.48 (TZ270W)	57.42 (TZ370), 64.48 (TZ370W)	68.03 (TZ470), 74.95 (TZ470W)	44.7 (TZ570), 52.17 (TZ570W), 370.84 (TZ570P)	55.1
Dimensions	3.5x13.5x19 (cm) 1.8x5.3x7.5 (in)	3.5x13.5x19 (cm) 1.8x5.3x7.5 (in)	3.5x13.5x19 (cm) 1.8x5.3x7.5 (in)	3.5x15x22.5 (cm) 1.38x5.91x8.85 in	3.5x15x22.5 (cm) 1.38x5.91x 8.85 in
Weight	0.82 kg / 1.81 lbs (TZ270), 0.85 kg / 1.87 lbs (TZ270W)	0.82 kg / 1.81 lbs (TZ370), 0.85 kg / 1.87 lbs (TZ370W)	0.83 kg / 1.82 lbs (TZ470), 0.87 kg / 1.92 lbs (TZ470W)	0.97 kg / 2.14 lbs (TZ570), 0.99 kg / 2.18 lbs (TZ570W), 1.05 kg / 2.31 lbs (TZ570P)	0.97 kg / 2.14 lbs
WEEE weight	1.18 kg / 2.6 lbs (TZ270), 1.24 kg / 2.73 lbs (TZ270W)	1.18 kg / 2.6 lbs (TZ370), 1.24 kg / 2.73 lbs (TZ370W)	1.24 kg / 2.73 lbs (TZ470), 1.27 kg / 2.8 lbs (TZ470W)	1.42 kg / 3.13 lbs (TZ570), 1.47 kg / 3.24 lbs (TZ570W), 1.57 kg / 3.46 lbs (TZ570P)	1.42 kg / 3.13 lbs
Shipping weight	1.41 kg / 3.11 lbs (TZ270), 1.47 kg / 3.25 lbs (TZ270W)	1.41 kg / 3.11 lbs (TZ370), 1.47 kg / 3.25 lbs (TZ370W)	1.43 kg / 3.15 lbs (TZ470), 1.51 kg / 3.33 lbs (TZ470W)	1.93 kg / 4.25 lbs (TZ570), 1.98 kg / 4.36 lbs (TZ570W), 2.08 kg / 4.58 lbs (TZ570P)	1.93 kg / 4.25 lbs
MTBF @25ºC in years	51.1 (TZ270), 27.1 (TZ270W)	51.1 (TZ370), 27.1 (TZ370W)	46 (TZ470), 24.1 (TZ470W)	26.1 (TZ570), 23.3 (TZ570W), 31.7 (TZ570P)	43.9
Environment (Operating/Storage)	32°-105° F (0°-40° C)/-40° to 158° F (-40° to 70° C)				
Humidity	5-95% non-condensing				
Regulatory	**TZ270 SERIES**	**TZ370 SERIES**	**TZ470 SERIES**	**TZ570 SERIES**	**TZ670 SERIES**
Major regulatory compliance (wired models)	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, CB, Mexico CoC by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, CB, Mexico CoC by UL, WEEE, REACH, BSMI, KCC MSIP, ANATEL	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, CB, Mexico CoC by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL	FCC Class B, FCC, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL/cUL, CB, Mexico DGN notice by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL	FCC Class B, FCC, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL/cUL, CB, Mexico DGN notice by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL
Major regulatory compliance (wireless models)	FCC Class B, FCC RF ICES Class B, IC RF CE (R&TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, CB, Mexico CoC by UL, WEEE, REACH, ANATEL	FCC Class B, FCC RF ICES Class B, IC RF CE (R&TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, CB, Mexico CoC by UL, WEEE, REACH, ANATEL	FCC Class B, FCC RF ICES Class B, IC RF CE (R&TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, CB, Mexico CoC by UL, WEEE, REACH, ANATEL	FCC Class B, FCC P15C, FCC P15E, ICES Class B, ISED/IC, CE (RED, RoHS), C-Tick, VCCI Class B, Japan Wireless, UL/cUL, CB, Mexico DGN notice by UL, WEEE, REACH, BSMI, NCC (TW) KCC/MSIP, SRRC, ANATEL	N/A

SONICWALL

Regulatory	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
Major regulatory compliance (PoE models)	N/A	N/A	N/A	FCC Class A, ICES Class A, CE (EMC, LVD, RoHS), C-Tick, VCCI Class A, UL/ cUL, CB, Mexico DGN notice by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL	N/A

Integrated Wireless[5] (TZ270W/370W/470W/570W ONLY)	
Standards	802.11a/b/g/n/ac Wave 2, WEP, WPA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, EAP-TTLS
Frequency bands	802.11a: 5.180-5.825 GHz; 802.11b/g: 2.412-2.472 GHz; 802.11n: 2.412-2.472 GHz, 5.180-5.825 GHz; 802.11ac: 5.180-5.825 GHz
Operating channels	802.11a: US and Canada 12, Europe 11, Japan 4, Singapore4, Taiwan 4; 802.11b/g: US and Canada 1-11, Europe 1-13, Japan (14-802.11b only); 802.11n (2.4 GHz): US and Canada 1-11, Europe 1-13, Japan 1-13; 802.11n (5 GHz): US and Canada 36-48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/52-64; 802.11ac: US and Canada 36-48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/52-64
Transmit output power	Based on the regulatory domain specified by the system administrator
Transmit power control	Yes
Data rates supported	802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps per channel; 802.11b: 1, 2, 5.5, 11 Mbps per channel; 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps per channel; 802.11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 15, 30, 45, 60, 90, 120, 135, 150 Mbps per channel; 802.11ac: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7, 96.3, 15, 30, 45, 60, 90, 120, 135, 150, 180, 200, 32.5, 65, 97.5, 130, 195, 260, 292.5, 325, 390, 433.3, 65, 130, 195, 260, 390, 520, 585, 650, 780, 866.7 Mbps per channel
Modulation technology spectrum	802.11a: Orthogonal Frequency Division Multiplexing (OFDM); 802.11b: Direct Sequence Spread Spectrum (DSSS); 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)/Direct Sequence Spread Spectrum (DSSS); 802.11n: Orthogonal Frequency Division Multiplexing (OFDM); 802.11ac: Orthogonal Frequency Division Multiplexing (OFDM)

1. Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services.
2. Threat Prevention/GatewayAV/Anti-Spyware/IPS throughput measured using industry standard Keysight HTTP performance test tools. Testing done with multiple flows through multiple port pairs. Threat Prevention throughput measured with Gateway AV, Anti-Spyware, IPS and Application Control enabled with default firewall settings.
3. VPN throughput measured with UDP traffic using 1418 byte packet size AESGMAC16-256 Encryption adhering to RFC 2544. All specifications, features and availability are subject to change.
4. For rack mount, separate rack mount kit available.
5. All TZ integrated wireless models can support either 2.4GHz or 5GHz band. For dual-band support, please use SonicWall's wireless access point products.

Regulatory Model Numbers

TZ270/270W	APL57-100/APL57-101
TZ370/370W	APL57-100/APL57-101
TZ470/470W	APL57-0F1/APL57-0F2
TZ570/TZ570W/TZ570P	APL62-0F7/APL62-0F8/APL63-0F9
TZ670	APL62-0F7

PARTNER ENABLED SERVICES

Need help to plan, deploy or optimize your SonicWall solution? SonicWall Advanced Services Partners are trained to provide you with world class professional services. Learn more at:

www.sonicwall.com/PES

SonicOS 7.0 Feature Summary

Firewall

- Stateful packet inspection
- Reassembly-Free Deep Packet Inspection
- DDoS attack protection (UDP/ICMP/SYN flood)
- IPv4/IPv6 support
- Biometric authentication for remote access
- DNS proxy
- Full API support
- SonicWall Switch integration
- SonicWall Wi-Fi 6 AP integration
- SD-WAN scalability
- SD-WAN Usability Wizard[1]
- SonicCoreX and SonicOS containerization[1]
- Connections scalability (SPI, DPI, DPI SSL)
- Cloud Secure Edge Connector

Enhanced dashboard[1]

- Enhanced device view
- Top traffic and user summary
- Insights to threats
- Notification center

TLS/SSL/SSH decryption and inspection

- TLS 1.3 with enhanced security[1]
- Deep packet inspection for TLS/SSL/SSH
- Inclusion/exclusion of objects, groups or hostnames
- SSL control
- Enhancements for DPI-SSL with CFS
- Granular DPI SSL controls per zone or rule

Capture advanced threat protection[2]

- Real-Time Deep Memory Inspection
- Cloud-based multi-engine analysis
- Virtualized sandboxing
- Hypervisor level analysis
- Full system emulation
- Broad file type examination
- Automated and manual submission
- Real-time threat intelligence updates
- Block until verdict
- Capture Client

Intrusion prevention[2]

- Signature-based scanning
- Network access control integration with Aruba ClearPass
- Automatic signature updates
- Bi-directional inspection
- Granular IPS rule capability
- GeoIP enforcement
- Botnet filtering with dynamic list
- Regular expression matching

Anti-malware[2]

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

Application identification[2]

- Application control
- Application bandwidth management
- Custom application signature creation
- Data leakage prevention
- Application reporting over NetFlow/IPFIX
- Comprehensive application signature database

Traffic visualization and analytics

- User activity
- Application/bandwidth/threat usage
- Cloud-based analytics

HTTP/HTTPS Web content filtering[2]

- URL filtering
- Proxy avoidance
- Keyword blocking
- Reputation-based Content Filtering Service (CFS 5.0)
- DNS filtering
- Policy-based filtering (exclusion/inclusion)
- HTTP header insertion
- Bandwidth manage CFS rating categories
- Unified policy model with app control
- Content Filtering Client

VPN

- Secure SD-WAN
- Auto-provision VPN
- IPSec VPN for site-to-site connectivity
- SSL VPN and IPSec client remote access
- Redundant VPN gateway
- Mobile Connect for iOS, Mac OS X, Windows, Chrome, Android and Kindle Fire
- Route-based VPN (OSPF, RIP, BGP)

Networking

- PortShield
- Path MTU discovery
- Enhanced logging
- VLAN trunking
- Port mirroring (NSa 2650 and above)
- Layer-2 QoS
- Port security
- Dynamic routing (RIP/OSPF/BGP)
- SonicWall wireless controller
- Policy-based routing (ToS/metric and ECMP)
- NAT
- DHCP server
- Bandwidth management
- A/P high availability with state sync
- Inbound/outbound load balancing
- High availability - Active/Standby with state sync
- L2 bridge, wire/virtual wire mode, tap mode, NAT mode
- Asymmetric routing
- Common Access Card (CAC) support

VoIP

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

Management, monitoring and support

- Capture Security Appliance (CSa) support
- Capture Threat Assessment (CTA) v2.0
  - New design or template
  - Industry and global average comparison
- New UI/UX, Intuitive feature layout[1]

- Dashboard
- Device information, application, threats
- Topology view
- Simplified policy creation and management

- Policy/Objects usage statistics[1]
  - Used vs Un-used
  - Active vs Inactive
- Global search for static data
- Storage support[1]
- Internal and external storage management[1]
- WWAN USB card support (5G/LTE/4G/3G)
- Network Security Manager (NSM) support
- Web GUI
- Command line interface (CLI)
- Zero-Touch registration & provisioning
- CSC Simple Reporting[1]
- SonicExpress mobile app support
- SNMPv2/v3
- Centralized management and reporting with SonicWall Global Management System (GMS)[2]
- Logging
- Netflow/IPFix exporting
- Cloud-based configuration backup
- BlueCoat security analytics platform
- Application and bandwidth visualization
- IPv4 and IPv6 management
- CD management screen
- Dell N-Series and X-Series switch management including cascaded switches

Debugging and diagnostics

- Enhanced packet monitoring
- SSH terminal on UI

Wireless

- SonicWave AP cloud and firewall management
- WIDS/WIPS
- Rogue AP prevention
- Fast roaming (802.11k/r/v)
- 802.11s mesh networking
- Auto-channel selection
- RF spectrum analysis
- Floor plan view
- Topology view
- Band steering
- Beamforming
- AirTime fairness
- Bluetooth Low Energy
- MiFi extender
- RF enhancements and improvements
- Guest cyclic quota

Integrated Wireless (TZ270/370/470/570W only)

- 802.11ax
- Dual-band (2.4 GHz and 5.0 GHz)
- 802.11 a/b/g/n/ac wireless standards
- Wireless intrusion detection and prevention
- Wireless guest services
- Lightweight hotspot messaging
- Virtual access point segmentation
- Captive portal
- Cloud ACL

[1] New feature, available on SonicOS 7.0 [2] Requires added subscription

Learn more about SonicWall Gen 7 TZ Series

www.sonicwall.com/TZ

About SonicWall

SonicWall is a cybersecurity forerunner with more than 30 years of expertise and a relentless focus on its partners. With the ability to build, scale and manage security across the cloud, hybrid and traditional environments in real time, SonicWall can quickly and economically provide purpose-built security solutions to any organization around the world. Based on data from its own threat research center, SonicWall delivers seamless protection against the most evasive cyberattacks and supplies actionable threat intelligence to partners, customers and the cybersecurity community.

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