



# SonicWall Gen 7 TZ series system specifications continued

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, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, BSMI, KCC/MSIP	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, KCC MSIP	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, KCC/MSIP	FCC Class B, FCC, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL/cUL, TUV GS, 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, TUV/ GS, 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, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH	FCC Class B, FCC RF ICES Class B, IC RF CE (R&TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH	FCC Class B, FCC RF ICES Class B, IC RF CE (R&TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH	FCC Class B, FCC P15C, FCC P15E, ICES Class B, ICED/ IC, CE (RED, RoHS), C-Tick, VCCI Class B, Japan Wireless, UL/cUL, TUV GS, CB, Mexico DGN notice by UL, WEEE, REACH, BSMI, NCC (TW) KCC/MSIP, SRRC, ANATEL	N/A
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, TUV/ GS, CB, Mexico DGN notice by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL	N/A

INTEGRATED WIRELESS <sup>1</sup> (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, Singapore 4, 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 Spirent WebAvalanche HTTP performance test and Ixia 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. DPI SSL performance measured on HTTPS traffic with IPS enabled.
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.
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.

*[Handwritten signatures and initials]*



## 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
- SD-WAN scalability
- SD-WAN Usability Wizard<sup>1</sup>
- SonicCoreX and SonicOS containerization<sup>1</sup>
- Connections scalability (SPI, DPI, DPI SSL)

### Enhanced dashboard<sup>1</sup>

- 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<sup>1</sup>
- 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<sup>2</sup>

- 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<sup>2</sup>

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

### Anti-malware<sup>2</sup>

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

### Application identification<sup>2</sup>

- 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<sup>2</sup>

- URL filtering
- Proxy avoidance
- Keyword blocking
- 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<sup>1</sup>
- Dashboard

- Device information, application, threats
- Topology view
- Simplified policy creation and management
- Policy/Objects usage statistics<sup>1</sup>
  - Used vs Un-used
  - Active vs Inactive
- Global search for static data
- Storage support<sup>1</sup>
- Internal and external storage management<sup>1</sup>
- 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<sup>1</sup>
- SonicExpress mobile app support
- SNMPv2/v3
- Centralized management and reporting with SonicWall Global Management System (GMS)<sup>2</sup>
- 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 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)

- 802.11ac Wave 2 wireless
- 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

<sup>1</sup> New feature, available on SonicOS 7.0

<sup>2</sup> Requires added subscription



Product	SKU
TZ270 with 1-year TotalSecure Threat Edition	02-SSC-7305
TZ270 with 1-year TotalSecure Essential Edition	02-SSC-6841
TZ270 with 1-year TotalSecure Advanced Edition	02-SSC-6843
TZ270W with 1-year TotalSecure Threat Edition	02-SSC-7313
TZ270W with 1-year TotalSecure Essential Edition	02-SSC-6848
TZ270W with 1-year TotalSecure Advanced Edition	02-SSC-6850
TZ370 with 1-year TotalSecure Threat Edition	02-SSC-7281
TZ370 with 1-year TotalSecure Essential Edition	02-SSC-6819
TZ370 with 1-year TotalSecure Advanced Edition	02-SSC-6817
TZ370W with 1-year TotalSecure Threat Edition	02-SSC-7289
TZ370W with 1-year TotalSecure Essential Edition	02-SSC-6824
TZ370W with 1-year TotalSecure Advanced Edition	02-SSC-6826
TZ470 with 1-year TotalSecure Threat Edition	02-SSC-7257
TZ470 with 1-year TotalSecure Essential Edition	02-SSC-6792
TZ470 with 1-year TotalSecure Advanced Edition	02-SSC-6794
TZ470W with 1-year TotalSecure Threat Edition	02-SSC-7265
TZ470W with 1-year TotalSecure Essential Edition	02-SSC-6800
TZ470W with 1-year TotalSecure Advanced Edition	02-SSC-6801
TZ570 with 1-year TotalSecure Essential Edition	02-SSC-5651
TZ570W with 1-year TotalSecure Essential Edition	02-SSC-5649
TZ570P with 1-year TotalSecure Essential Edition	02-SSC-5653
TZ670 with 1-year TotalSecure Essential Edition	02-SSC-5640

High availability options (each unit must be the same model)	SKU
TZ270 High Availability	02-SSC-6447
TZ370 High Availability	02-SSC-644
TZ470 High Availability	02-SSC-6385
TZ570 High Availability	02-SSC-5694
TZ570P High Availability	02-SSC-5655
TZ670 High Availability	02-SSC-5654

Services for SonicWall TZ270	SKU
Threat Protection Service Suite- Threat Prevention, Content Filtering, Network Visibility and 24x7 Support (1-year)	02-SSC-7233
Essential Protection Service Suite - Capture ATP, Threat Prevention, Content Filtering, Anti-Spam and 24x7 Support (1-year)	02-SSC-6745
Advanced Protection Service Suite- Capture ATP, Threat Prevention, Content Filtering, Network Visibility, Anti-Spam, NSM essentials and 24x7 Support (1-year)	02-SSC-6649

Services for SonicWall TZ370	SKU
Threat Protection Service Suite- Threat Prevention, Content Filtering, Network Visibility and 24x7 Support (1-year)	02-SSC-7209
Essential Protection Service Suite - Capture ATP, Threat Prevention, Content Filtering, Anti-Spam and 24x7 Support (1-year)	02-SSC-6625
Advanced Protection Service Suite- Capture ATP, Threat Prevention, Content Filtering, Network Visibility, Anti-Spam, NSM essentials and 24x7 Support (1-year)	02-SSC-6529

Services for SonicWall TZ470	SKU
Threat Protection Service Suite- Threat Prevention, Content Filtering, Network Visibility and 24x7 Support (1-year)	02-SSC-7185
Essential Protection Service Suite - Capture ATP, Threat Prevention, Content Filtering, Anti-Spam and 24x7 Support (1-year)	02-SSC-6505
Advanced Protection Service Suite- Capture ATP, Threat Prevention, Content Filtering, Network Visibility, Anti-Spam, NSM essentials and 24x7 Support (1-year)	02-SSC-6393

*Chip [Signature]*





### Services for SonicWall TZ570

	SKU
Essential Protection Service Suite - Capture ATP, Threat Prevention, Content Filtering, Anti-Spam and 24x7 Support (1-year)	02-SSC-5137
Advanced Protection Service Suite- Capture ATP, Threat Prevention, Content Filtering, Network Visibility, Anti-Spam, NSM essentials and 24x7 Support (1-year)	02-SSC-5559

### Services for SonicWall TZ670

	SKU
Essential Protection Service Suite - Capture ATP, Threat Prevention, Content Filtering, Anti-Spam and 24x7 Support (1-year)	02-SSC-5053
Advanced Protection Service Suite- Capture ATP, Threat Prevention, Content Filtering, Network Visibility, Anti-Spam, NSM essentials and 24x7 Support (1-year)	02-SSC-5547

### Accessories

	SKU
SonicWall TZ470/TZ370/TZ270 Series Rack Mount Kit	02-SSC-3113
SonicWall TZ470/TZ370/TZ270 Series FRU Power Supply	02-SSC-3069
SonicWall TZ670/570 Series FRU Power Supply	02-SSC-3078
SonicWall TZ670/570 Series Rack Mount Kit	02-SSC-3112
SonicWall 32GB Storage Module for TZ670/570/470/370/270 Series	02-SSC-3114
SonicWall 64GB Storage Module for TZ670/570/470/370/270 Series	02-SSC-3115
SonicWall 128GB Storage Module for TZ670/570/470/370/270 Series	02-SSC-3116
SonicWall 256GB Storage Module for TZ670/570/470/370/270 Series	02-SSC-3117
SonicWall Micro USB Console Cable for TZ670/570 Series	02-SSC-5173
10GB-SR SFP+ Short Reach Fiber Module Multi-Mode No Cable	01-SSC-9785
10GB-LR SFP+ Long Reach Fiber Module Single-Mode No Cable	01-SSC-9786
10GB SFP+ Copper with 1M Twinax Cable	01-SSC-9787
10GB SFP+ Copper with 3M Twinax Cable	01-SSC-9788
1GB-SX SFP Short Haul Fiber Module Multi-Mode No Cable	01-SSC-9789
1GB-LX SFP Long Haul Fiber Module Single-Mode No Cable	01-SSC-9790
1GB-RJ45 SFP Copper Module No Cable	01-SSC-9791
SonicWall SFP+ 10GBASE-T Transceiver Copper RJ45 Module	02-SSC-1874

### 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](http://www.sonicwall.com/PES).

### About SonicWall

SonicWall delivers Boundless Cybersecurity for the hyper-distributed era and a work reality where everyone is remote, mobile and unsecure. By knowing the unknown, providing real-time visibility and enabling breakthrough economics, SonicWall closes the cybersecurity business gap for enterprises, governments and SMBs worldwide. For more information, visit [www.sonicwall.com](http://www.sonicwall.com).

SonicWall, Inc.  
1033 McCarthy Boulevard | Milpitas, CA 95035  
Refer to our website for additional information.  
[www.sonicwall.com](http://www.sonicwall.com)

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