DATA SHEET

SonicWall TZ Series (Gen 8)

Integrated SD-Branch platform with high efficacy next-gen firewalls for SMBs & branch offices

SonicWall TZ Series are designed for small and mid-sized organizations, and distributed enterprises with SD-Branch locations. The latest series deliver best-in-class performance at a low TCO.

These NGFWs address the growing trends in web encryption, connected devices and high-speed mobility by delivering a solution in desktop form-factor that meets the need for automated, real-time breach detection and prevention.

TZ Series Spec Preview. View full specs »

Max Threat Prevention Throughput	Max Connections	Ports
Up to 3 Gbps	Up to 1.5 Million	Up to 8x1GbE, 2x10/5/2.5G SFP+

HIGHLIGHTS

- Up to 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
- SonicWall Unified Management ready
- Centralized, simplified management via Network Security Manager (NSM)
- 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
- TLS 1.3 support
- Groundbreaking performance
- High connection count
- Fast DPI performance
- Low TCO
- Cloud Secure Edge Connector support
- Embedded cyber warranty

Only for firewalls sold & registered after November 1st, 2024.

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The Gen 8 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 512 GB, 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 8 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 8 TZs are powered by the feature rich SonicOS 8 operating system with new modern looking UX/UI, advanced security, networking and management capabilities. Gen 8 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 & blocks malware and zero-day threats by inspecting directly in memory.

By leveraging Capture ATP with RTDMI technology, inaddition 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.

Security suites offered with Gen 8 NGFWs have an embedded warranty by Cysurance, of up to $200,000, included at no additional cost.[1]

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 **Gen 8 Architecture and Services**.

[1] Only for firewalls sold & registered after November 1st, 2024.
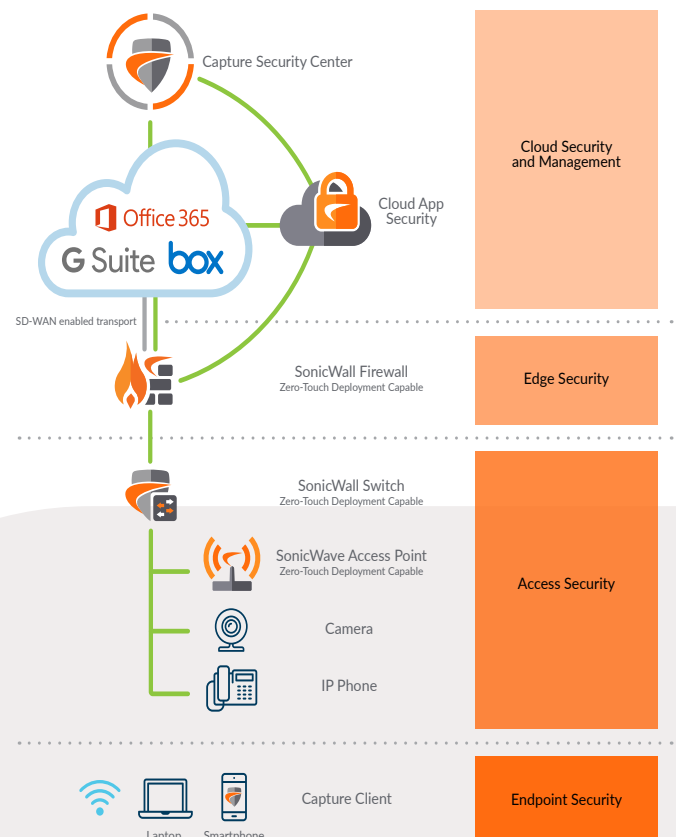
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Deployments

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 TZ580

- Boost employee productivity by blocking unauthorized access with traffic segmentation and access policies

TZ580

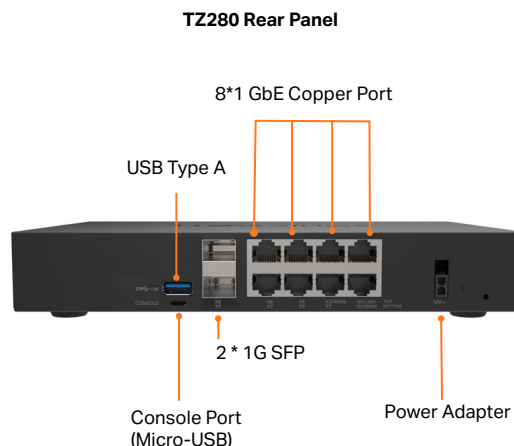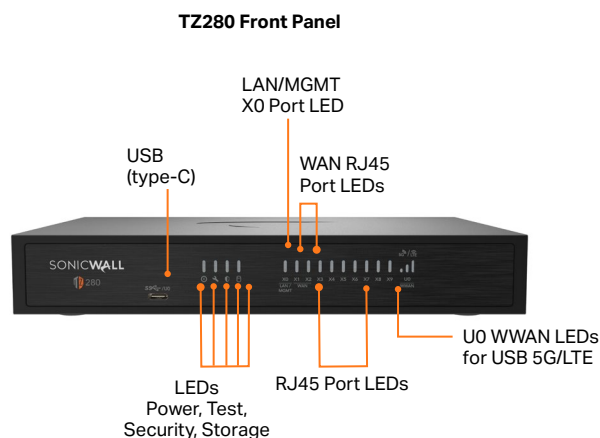Internet

PoE devices

Retail store / small office LAN
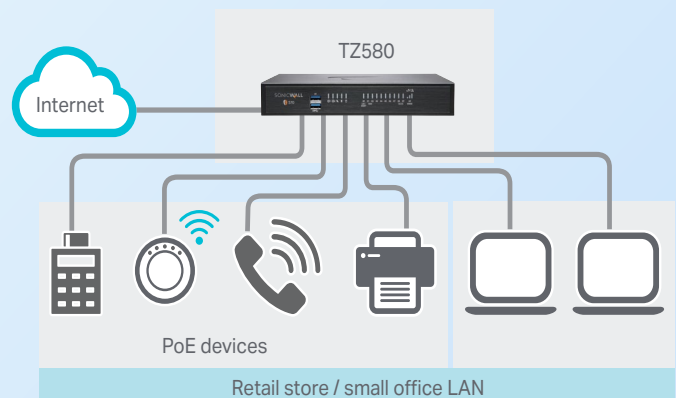
Distributed Enterprise with SD-Branches

- 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 8 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

Capture Security Center

Office 365

G Suite box

Cloud App Security

Cloud Security and Management

SD-WAN enabled transport

SonicWall Firewall
Zero-Touch Deployment Capable

Edge Security

SonicWall Switch
Zero-Touch Deployment Capable

SonicWave Access Point
Zero-Touch Deployment Capable

Camera

IP Phone

Access Security

Laptop   Smartphone

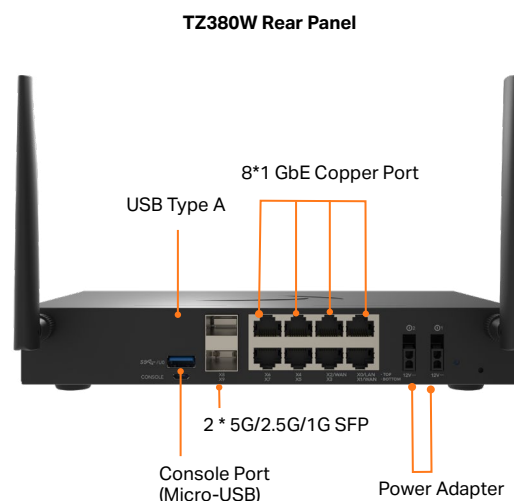Capture Client
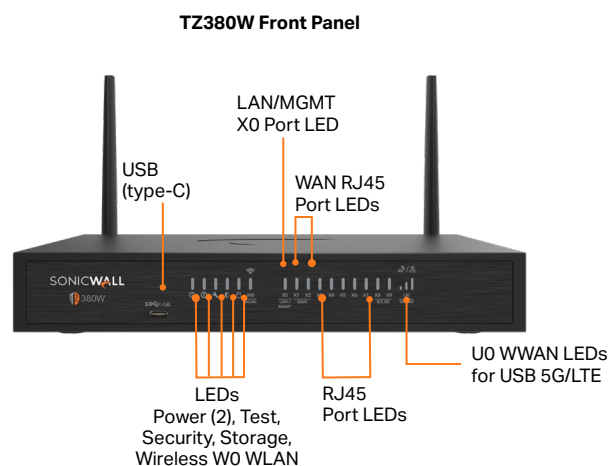
Endpoint Security

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SonicWall TZ280

Designed for home offices, small offices and lean branches, the TZ280 series deliver industry-validated security effectiveness with best-in-class price-performance.

TZ280 Front Panel

USB (type-C)

LAN/MGMT X0 Port LED

WAN RJ45 Port LEDs

LEDs Power, Test, Security, Storage

RJ45 Port LEDs

U0 WWAN LEDs for USB 5G/LTE

TZ280 Rear Panel

8*1 GbE Copper Port

USB Type A

2 * 1G SFP
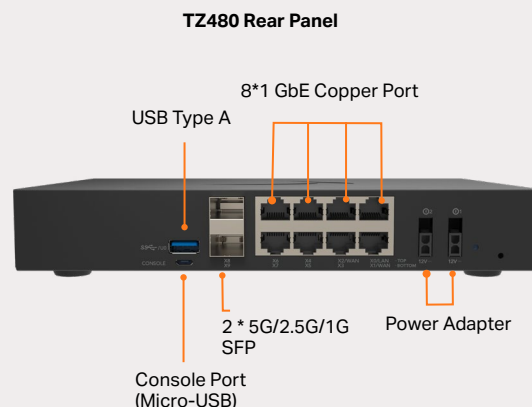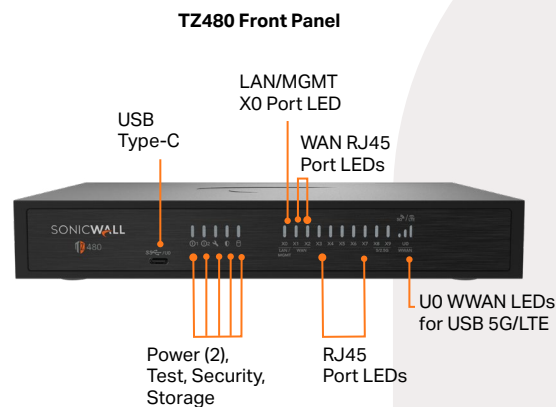
Console Port (Micro-USB)

Power Adapter

SonicWall TZ380 series

Designed for small organizations and lean branches, the TZ380 series deliver industry-validated security effectiveness with best-in-class price-performance.

TZ380W Front Panel

USB (type-C)

LAN/MGMT X0 Port LED

WAN RJ45 Port LEDs

LEDs Power (2), Test, Security, Storage, Wireless W0 WLAN

RJ45 Port LEDs

U0 WWAN LEDs for USB 5G/LTE

TZ380W Rear Panel

8*1 GbE Copper Port

USB Type A

2 * 5G/2.5G/1G SFP

Console Port (Micro-USB)
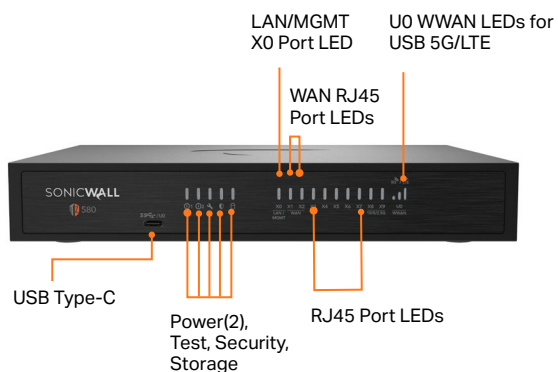
Power Adapter

SonicWall TZ480 series

Designed for small organizations and distributed enterprise with SD-Branch locations, the TZ480 series deliver industry-validated security effectiveness with best-in-class price-performance.

TZ480 Front Panel

USB Type-C

LAN/MGMT X0 Port LED

WAN RJ45 Port LEDs

Power (2), Test, Security, Storage

RJ45 Port LEDs

U0 WWAN LEDs for USB 5G/LTE

TZ480 Rear Panel

8*1 GbE Copper Port

USB Type A

2 * 5G/2.5G/1G SFP

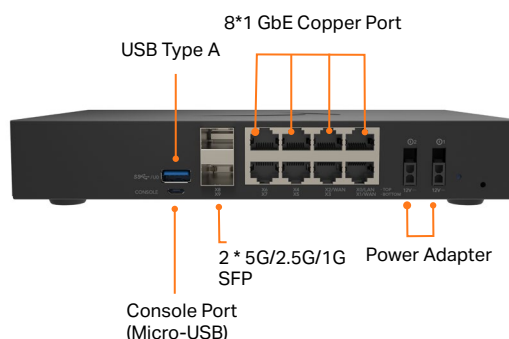Console Port (Micro-USB)

Power Adapter

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SonicWall TZ580 series

Designed for small to mid-sized organizations and distributed enterprise with SD-Branch locations, the TZ580 series deliver industry-validated security effectiveness with best-in-class price-performance.
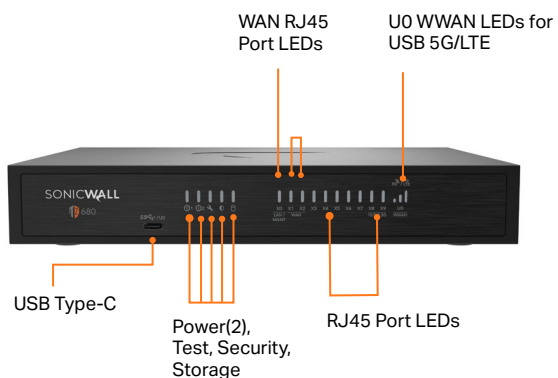
TZ580 Front Panel

LAN/MGMT X0 Port LED

U0 WWAN LEDs for USB 5G/LTE

WAN RJ45 Port LEDs

USB Type-C

Power(2), Test, Security, Storage

RJ45 Port LEDs

TZ580 Rear Panel

8*1 GbE Copper Port

USB Type A

2 * 5G/2.5G/1G SFP

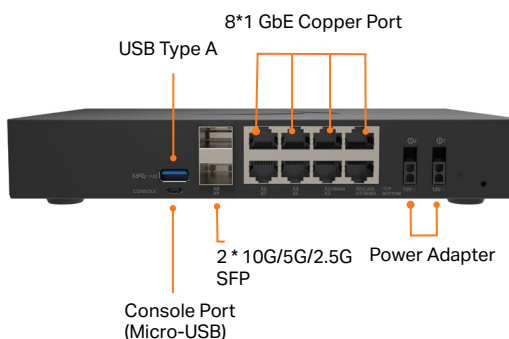Power Adapter

Console Port (Micro-USB)

SonicWall TZ680 series

Designed for mid-sized organizations and distributed enterprise with SD-Branch locations, the TZ680 delivers industry-validated security effectiveness with best-in-class price-performance.

TZ680 Front Panel

WAN RJ45 Port LEDs

U0 WWAN LEDs for USB 5G/LTE

USB Type-C

Power(2), Test, Security, Storage

RJ45 Port LEDs

TZ680 Rear Panel

8*1 GbE Copper Port

USB Type A

2 * 10G/5G/2.5G SFP

Power Adapter

Console Port (Micro-USB)

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SonicWall TZ Series (Gen 8) Specifications

Firewall General	TZ280 Series	TZ380 Series	TZ480 Series	TZ580 Series	TZ680 Series
Operating system	SonicOS 8				
Interfaces	8 * 1GbE Cu, 2*1G SFP, 1 console (Micro-USB), 1 USB (type-C)	8 * 1GbE Cu, 2*5G/2.5G/1G SFP+, 1 console (Micro-USB), 1 USB (type-C)	8 * 1GbE Cu, 2*5G/2.5G/1G SFP+, 1 console (Micro-USB), 1 USB (type-C)	8 * 1GbE Cu, 2*5G/2.5G/1G SFP+, 1 console (Micro-USB), 1 USB (type-C)	8 * 1GbE Cu, 2*10G SFP, 1 console (Micro-USB), 1 USB (type-C)
Wireless Support	N/A	2x2 802.11ax (TZ380W)	N/A	N/A	N/A
Storage /(expansion)	(Optional: Up to 512 Gb)	(Optional: Up to 512 Gb)	(Optional: Up to 512 Gb)	(Optional: Up to 512 Gb)	(Optional: Up to 512 Gb)
Centralized Management	Network Security Manager (NSM) 3.0 and above, CLI, SSH, Web UI, REST APIs				
Logical VLAN and tunnel interfaces (maximum)	64	128	128	256	256
SAML Single Sign-On (SSO) Users[1]	1000	1000	2500	2500	2500
Access points supported (maximum)	16	16	32	32	32
Firewall/VPN Performance					
Firewall inspection throughput[2]	2.5 Gbps	3.5 Gbps	4 Gbps	4.5 Gbps	5 Gbps
Threat prevention throughput[3]	1 Gbps	1.5 Gbps	2 Gbps	2.2 Gbps	2.5 Gbps
Application inspection throughput[3]	1.5Gbps	2.0 Gbps	2.2 Gbps	2.5 Gbps	3 Gbps
IPS throughput[3]	1.5 Gbps	2.0 Gbps	2.2 Gbps	2.5 Gbps	3 Gbps
Anti-malware inspection throughput[3]	1 Gbps	2.0 Gbps	2 Gbps	2.2 Gbps	2.5 Gbps
TLS/SSL inspection and decryption throughput[3]	430 Mbps	600 Mbps	650 Mbps	750 Mbps	800 Mbps
IPSEC VPN throughput[4]	1.2 Gbps	1.6 Gbps	2 Gbps	2.2 Gbps	2.5 Gbps
Connections per second	12,000	15,000	18,000	20,000	26,000
Maximum connections (SPI)	1,000,000	1,100,000	1,200,000	1,400,000	1,600,000
Maximum connections (DPI)	200,000	250,000	350,000	500,000	600,000
Maximum connections (TLS)	35,000	40,000	50,000	60,000	75,000
VPN and ZTNA					
Site-to-site VPN tunnels	200	200	200	250	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-256, SHA-384, 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 and Windows 11				
NetExtender	Microsoft® Windows 10 and Windows 11, Linux				
Mobile Connect	Apple® iOS, Mac OS X, Google® Android™				
SonicWall Private Access powered by Cloud Secure Edge[5]	Included in 3&Free Loyalty Program				
Security Services					
Deep Packet inspection services	Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, TLS Decryption				
Content Filtering Service (CFS)	Reputation-based URL filtering, 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	Yes	Yes	Yes	Yes
Application Visualization	Yes	Yes	Yes	Yes	Yes

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Application Control	Yes	Yes	Yes	Yes	Yes
Capture Advanced Threat Protection	Yes	Yes	Yes	Yes	Yes
Advanced DNS Filtering	Yes	Yes	Yes	Yes	Yes
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				
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,TACACS+, SAML SSO[1], Radius accounting NTLM, internal user database, 2FA, Terminal Services, Citrix, Common Access Card (CAC)				
Local user database	1000	1000	1000	1000	1000
VoIP	Full H3230v1.5 SIP				
Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3				
Certifications	IPv6				
High availability	Active/Standby with stateful synchronization				
Hardware					
Form factor	Desktop				
Power supply	12V/1.03A	12V/1.14A (TZ380) 12V/1.45A (TZ380W)	12V/1.13A	12V/1.34A	12V/1.34A
Maximum power consumption (W)	12.36	13.77 (TZ380) 17.4 (TZ380W)	13.77	15.6	16.99
Input power	100-240 VAC, 50-60Hz, 0.27A	100-240 VAC, 50-60Hz, 0.27A	100-240 VAC, 50-60Hz, 0.27A	100-240 VAC, 50-60Hz, 0.29A	100-240 VAC, 50-60Hz, 0.27A
Redundant power supply	1 (Optional)	1 (Optional)	1 (Optional)	1 (Optional)	1 (Optional)
Total heat dissipation (BTU)	42.43	46.95 (TZ380) 59.33 (TZ380W)	42.43	56.74	57.93
Dimensions (Unit: cm)	3.5x13x19 Shipping: 7.2x22.8x23	3.5 x13 x19 Shipping: 7.2 x 22.8 x 23	3.5 x 13 x 19 Shipping: 7. 2x 22.8 x 23	3.5 x 13 x 19 Shipping: 7.2 x 22.8 x 23	3.5 x 13 x 19 Shipping: 7.2 x 22.8 x 23
Weight	0.82 Kg	0.82 Kg (TZ380) 0.85 Kg (TZ380W)	0.82 Kg	0.97 Kg	0.97 Kg
WEEE weight	1.18 Kg	1.18 Kg (TZ380) 1.24 Kg (TZ380W)	1.18 Kg	1.42 Kg	1.42 Kg
Shipping weight	1.41 Kg	1.41 Kg (TZ380) 1.47 Kg (TZ380W)	1.41 Kg	1.93 Kg	1.93 Kg
MTBF @25oC in years	51.7	46.4 (TZ380) 24.9 (TZ380W)	52.8	30.7	29.9
Environment (Operating/Storage)	0°C to +40°C / -40°C to +70°C	0°C to +40°C / -40°C to +70°C	0°C to +40°C / -40°C to +70°C	0°C to +40°C / -40°C to +70°C	0°C to +40°C / -40°C to +70°C
Humidity	5-95% non-condensing	5-95% non-condensing	5-95% non-condensing	5-95% non-condensing	5-95% non-condensing
Integrated Wireless (TZ380W ONLY)					
Standards	802.11a/b/g/n/ac/ax WPA,WPA2, WPA3, 802.11i, 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				

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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: 15,30,45,60,90,120,135,150,30,60,90,120,180,240,270, 300Mbps per channel; 802.11ac: 32.5,65,97.5,130,195,260,292.5,325,390,433.3,65,130,195,260,390,520, 585,650,780,866.6Mbps per channel; 802.11ax: 36,72,106,144,216,288,324,360,432,480,540,600,72,144, 216,288,432,576,648,720,864,960,1201 Mbps per channel				
Modulation technology spectrum	802.11a: Orthogonal Frequency Division Multiplexing (OFDM)/64QAM; 802.11b:Direct Sequence Spread Spectrum (DSSS); 802.11g:Orthogonal Frequency Division Multiplexing (OFDM)/64QAM/Direct Sequence Spread Spectrum (DSSS); 802.11n:Orthogonal Frequency Division Multiplexing (OFDM)/64QAM; 802.11AC:Orthogonal Frequency Division Multiplexing (OFDM)/256QAM; 802.11ax: Orthogonal Frequency Division Multiplexing Access(OFDMA)/1024QAM				

Regulatory

Regulatory model numbers	APL70-11D	APL72-120 (TZ380) APL72-121 (TZ380W)	APL72-120	APL72-120	APL72-120
Major regulatory compliance	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), UL, cUL, Mexico DGN Notice by UL, ANATEL, WEEE, REACH, SCIP, RCM, MIC Terminal, VCCI Class B, KCC/MSIP, BSMI, MTCTE/TEC, CB	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), UL, cUL, Mexico DGN Notice by UL, ANATEL, WEEE, REACH, SCIP, RCM, MIC Terminal, VCCI Class B, KCC/MSIP, BSMI, MTCTE/TEC, CB	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), UL, cUL, Mexico DGN Notice by UL, ANATEL, WEEE, REACH, SCIP, RCM, MIC Terminal, VCCI Class B, KCC/MSIP, BSMI, MTCTE/TEC, CB	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), UL, cUL, Mexico DGN Notice by UL, ANATEL, WEEE, REACH, SCIP, RCM, MIC Terminal, VCCI Class B, KCC/MSIP, BSMI, MTCTE/TEC, CB	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), UL, cUL, Mexico DGN Notice by UL, ANATEL, WEEE, REACH, SCIP, RCM, MIC Terminal, VCCI Class B, KCC/MSIP, BSMI, MTCTE/TEC, CB
Major regulatory compliance (wireless models)	N/A	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), UL, cUL, Mexico DGN Notice by UL, ANATEL, WEEE, REACH, SCIP, RCM, MIC Terminal, VCCI Class B, KCC/MSIP, BSMI, MTCTE/TEC, CB	N/A	N/A	N/A
Major regulatory compliance (PoE models)	N/A	N/A	N/A	N/A	N/A

[1] SAML Single Sign-On is available with the upcoming SonicOS 8.1, releasing soon.

[2] Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services.

[3] Threat Prevention/Gateway AV/Anti-Spyware/IPS throughput measured using industry standard Keysight HTTP performance test tools. Testing throughput measured with Gateway AV, Anti-Spyware, IPS and Application Control enabled

[4] VPN throughput measured with UDP traffic using 1418 byte packet size AESGMAC16-256 Encryption adhering to RFC 2544. All specifications, features, and availabilities are subject to change.

[5] Included with 3-year bundle

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

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SonicOS 8 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
- Connections scalability (SPI, DPI, TLS)

Enhanced dashboard

- 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
- 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[1]

- 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[1]
- Block until verdict
- Capture Client[1]

Intrusion prevention[1]

- 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[1]

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

Application identification[1]

- 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[1]

- 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 & ZTNA

- 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, Android
- Route-based VPN (OSPF, RIP, BGP)
- Secure Private Access by Cloud Secure Edge

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
  - Dashboard

SONICWALL®

- Device information, application, threats
- Topology view
- Simplified policy creation and management
- Policy/Objects usage statistics
  - Used vs Un-used
  - Active vs Inactive
- Global search for static data
- Storage support
- Internal and external storage management
- 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
- SonicExpress mobile app support
- SNMPv2/v3
- 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 (TZ380W 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] Requires added subscription

Learn more about SonicWall Gen 8 TZ Series

www.sonicwall.com/TZ

About SonicWall

SonicWall delivers stable, scalable, seamless 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.

SONIC**WALL**®