

Security + Performance + Easy Deployment in a Compact Form Factor. The Perfect Fit.

SonicWall TZ80, the subscription-based NGFW purpose-built for small offices, home offices, and IoT, delivers best-inclass security efficacy and performance, and simplified management at a low TCO.

Protect your businesses and compact workspaces with intrusion prevention, anti-malware, content/URL filtering, and application control. SonicWall TZ80 delivers the same enterprise-grade advanced threat protection available with all our NGFWs, at best-in-class threat protection throughput and a low TCO on firewall inspection throughput.

Exercise the flexibility to meet changing security needs. TZ80 has subscription-based licensing, security service options for businesses and managed service providers, and extended reporting and analytics services.

Accelerate time-to-value with rapid deployment and simplified administration with zero-touch provisioning, remote, mass deployment capabilities, and auto-synchronization.

Enhance security posture using the native integration with SonicWall Cloud Secure Edge for Zero Trust Edge (ZTE) and Zero Trust Network Access (ZTNA) security model extensions.

Leverage customer loyalty programs such as SecureUpgrade Plus, SonicProtect Subscription, and 3&Free with CSE, to further reduce your TCO.

Mitigate financial loss from security breaches with industry first firewall cyber warranty, included in selective security suites of TZ80*.

With a SonicWall TZ80 NGFW, you can provide the protection and performance you need, with the budget you have along with peace of mind.

HIGHLIGHTS

- Subscription-based with flexible licensing models
- Traffic inspection across all ports, without compromising performance
- SD-WAN & Advanced routing
- Intrusion detection and prevention, content & reputationbased filtering, Capture ATP Sandboxing and DNS filtering¹
- · Native SSL VPN secure access
- · Cloud and centralized management
- · Zero-touch and bulk provisioning
- Automated and remote configuration
- SonicProtect ready
- Private connector with SonicWall Cloud Secure Edge
- Industry first firewall warranty included with APSS and MPSS subscriptions





*Available with Advanced Protection Service Suite and Managed Protection Service Suite



Key Features



High security efficacy, Better TCO

The TZ80 firewall delivers a strong performance of 750 Mbps in traffic inspection across all ports. Combined with a low TCO, this platform creates a strong return on

investment for organizations seeking to secure network traffic and workloads from malicious actors.



Advanced Security, Best-in-Class Threat **Prevention Throughput**

The TZ80 firewall, combined with Advanced Protection Service Suite, enables threat prevention that encompasses intrusion

prevention, anti-malware, antispyware, content/URL filtering, and application control. With a threat protection throughput of more than 750 Mbps, this platform prevents malicious threats without compromising performance.



Easy to Deploy, **Simplified Administration**

The TZ80 firewall allows for quick onboarding with zero touch provisioning. The firewall can be configured

automatically and remotely using templates, increasing ease-of-use for end-users and ease-of-mass deployment for service providers. TZ80 has the same simplified management on-box and via Network Security Manager (NSM), the centralized SaaS console for remote firewall management.



Flexible consumption models, Straight-forward options

The TZ80 firewall platform provides licensing models designed for flexibility without complexity. Secure Connect and Advanced Protection Service Suite (APSS) licensing models allow you to select SD-WAN

connectivity or advanced threat protection. APSS further provides add-on and stackable options to meet unique business needs. Managed Protection Service Suite* delivers 24x7 firewall services and enhanced support.



Cost-savings, Subscription-Based

Businesses and service providers can lower their Capital Expenditure (CapEx) and select the subscription term that best fits their needs. TZ80 is available with 1-year, 3-year, or 5-year

subscription terms. For service providers, there is an option for monthly billing.



Access Verification, **Zero-Trust Edge Support**

The TZ80 firewall integrates with SonicWall Cloud Secure Edge (CSE) Connector, enabling the implementation of ZTE security models.

With ZTE, organizations can adopt user and device access verification at the application level to eliminate risks of unauthorized use.



SonicPlatform Ready

SonicPlatform reduces complexity with a unified view of alerts from TZ80 and other SonicWall products, as well as device and licensing information.



Customer Loyalty Programs

TZ80 is eligible for a number of customer loyalty programs including 3&Free with CSE, SonicProtect Subscription and SecureUpgrade Plus, allowing device upgrades at minimal costs.



Industry First Firewall Warranty

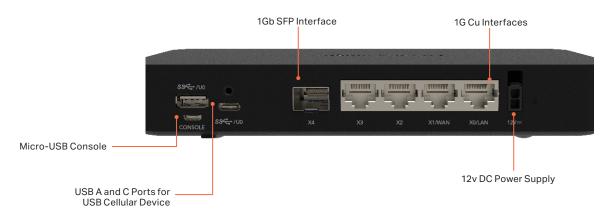
TZ80 security service subscriptions (APSS and MPSS) include an embedded warranty by Cysurance.

^{*}MPSS is only available as part of the Service Provider Program for MSSPs at launch

SonicWall TZ80 (Front & Back Panels)



Front Panel



Back Panel

Technical Specification Highlights

| General | | | | | | |
|------------------------------|--|----------|---------|---------|--|--|
| Device Type | Width | Depth | Height | Weight | | |
| Security appliance | 200.3 mm | 113.6 mm | 30.2mm, | 0.438Kg | | |
| Networking | | | | | | |
| Form Factor | External | | | | | |
| Number of Ports | 5 (4x1G Ethernet + 1 xSFP) | | | | | |
| Connectivity Technology | Wired | | | | | |
| Network Management | Network Security Manager (2.6 and above), CLI, SSH, Web UI, REST APIs | | | | | |
| Network / Transport Protocol | TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3 | | | | | |
| Routing Protocol | OSPF, RIP-1, RIP-2, BGP, static IP routing, policy-based routing (PBR) | | | | | |
| | Firewall: 750 Mbps | | | | | |
| | Threat Prevention: 750 Mbps | | | | | |
| | Application Inspection: 750 Mbps | | | | | |
| Performance | Intrusion Prevention System (IPS): 750 Mbps | | | | | |
| | Anti-malware throughput: 750 Mbps | | | | | |
| | TLS/SSL Inspection & Encryption (DPI SSL): 250 Mbps | | | | | |
| | IPSEC VPN: 750 Mbps | | | | | |

SonicWall TZ80 Specifications

| Firewall General | | | |
|--|--|--|--|
| Operating System | SonicOS | | |
| Interfaces | 4 * 1GbE Cu, 1*1G SFP, 1 console, 1 USB (USB type-C or USB type-A) | | |
| Management | Network Security Manager (2.6 and above), CLI, SSH, Web UI, REST APIs | | |
| Single Sign-On (SSO) Users | 250 | | |
| VLAN interfaces | 64 | | |
| Access Points Supported (Maximum) | 2 | | |
| Firewall/VPN Performance | | | |
| Firewall inspection throughput | 750 Mbps | | |
| Threat prevention throughput | 750 Mbps | | |
| Application inspection throughput | 750 Mbps | | |
| IPS thoughput | 750 Mbps | | |
| Anti-malware inspection throughput | 750 Mbps | | |
| TLS/SSL inspection and encryption throughput (DPI SSL) | 250 Mbps | | |
| IPSEC VPN throughput | 750 Mbps | | |
| Connections per second | 7500 | | |
| Maximum connections (SPI) | 300000 | | |
| Maximum connections (DPI) | 75000 | | |
| Maximum connections (DPI SSL) | 10000 | | |
| VPN | | | |
| Site-to-site VPN tunnels | 50 | | |
| IPSec VPN clients (maximum) | 1(5) | | |
| SSL VPN licenses (maximum) | 1(5) | | |
| 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 and Windows 11 | | |
| NetExtender | Microsoft® Windows 10 and Windows 11, Linux | | |
| Mobile Connect | Apple® iOS, Mac OS X, Google® Android™ | | |
| Security Services | | | |
| 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 | • | | |
| Application Visualization | • | | |
| Application Control Capture Advanced Threat Protection | • | | |
| DNS Filtering | • | | |
| Cloud Secure Edge | | | |
| Secure Private Access | • | | |

| Static (DHCP, PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP relay 1:1, 1:many, many:1, many:many, flexible NAT (overlapping IPs), PAT, transparent mode BGP, OSPF, RIPv1/v2, static routes, policy-based routing Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1e (WMM) | | | |
|--|--|--|--|
| mode BGP, OSPF, RIPv1/v2, static routes, policy-based routing Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1e (WMM) | | | |
| Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1e (WMM) | | | |
| 802.1e (WMM) | | | |
| LDAP (multiple domains) XALITH/PADILIS SSO Novell internal user database | | | |
| LDAP (multiple domains), XAUTH/RADIUS, SSO, Novell, internal user databas Terminal Services, Citrix, Common Access Card (CAC) | | | |
| 150 | | | |
| Full H323-v1-5, SIP | | | |
| TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3 | | | |
| Pending: CSfC | | | |
| Active/Standby with stateful synchronization | | | |
| | | | |
| Desktop | | | |
| 36W | | | |
| 11.6W | | | |
| 100-240 VAC, 50-60Hz, 3A | | | |
| 39.6 | | | |
| 200.3 x 113.6 x 30.2 (mm) | | | |
| 0.438 Kg | | | |
| 0.755 Kg | | | |
| 0.973 Kg | | | |
| 64.3 | | | |
| 0°C to ~+ 40°C / -40°C to ~ +70°C | | | |
| 5-95% non-condensing | | | |
| | | | |
| FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), RCM, VCCI Class B, UL, cUL, CB, Mexico DGN by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL, TEC/MTCTE | | | |
| | | | |
| APL69-11B | | | |
| | | | |

SonicWall TZ80 Subscriptions and Service Suites

| Feature | Secure Connect Lite | Secure Connect | Advanced Protection Service Suite | Managed Protection Service Suite |
|--|------------------------|----------------|--|--|
| Web / Chat / Email Only Solution Support | • | | | |
| 24x7 Solution Support | | • | • | • |
| Centralized Management & Orchestration | • | • | • | • |
| Stateful HA Firewall | • | • | • | • |
| SD-WAN & Advanced Routing | • | • | • | • |
| Layer 4 Firewall | • | • | • | • |
| App Control | No | No | • | • |
| Intrusion Detection & Prevention | | | • | • |
| Content & Reputation Based Filtering | | | • | • |
| Capture ATP Sandboxing | | | • | • |
| DNS Filtering | | | • | • |
| Full Reporting | | | 7-Day (Extendable to 30, 90, 365 days) | 30-day (Extendable to 90 365 days) |
| Advanced Analytics | | | 7-Day (Extendable to 30, 90, 365 days) | 30-day (Extendable to 90 365 days) |
| Embedded Warranty by Cysurance | | | \$100,000 | \$200,000 |
| Managed Firewall & Enhanced Support | | | | • |

SonicWall, Inc.

1033 McCarthy Boulevard | Milpitas, CA 95035 | Refer to our website for additional information.

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Solution Brief - SonicPlatform











