

SonicWall TZ80

Affordable, perfect-fit NGFW for SOHO, Branch Offices, IoT & Small Form-Factor Use Cases

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-in-class 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 & reputation-based 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.



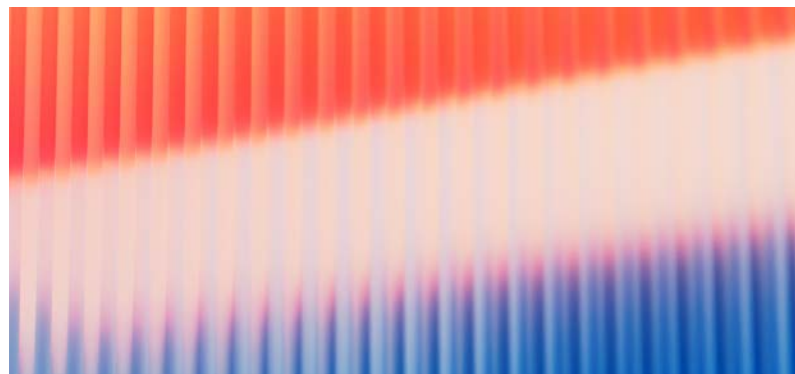
Customer Loyalty Programs

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.

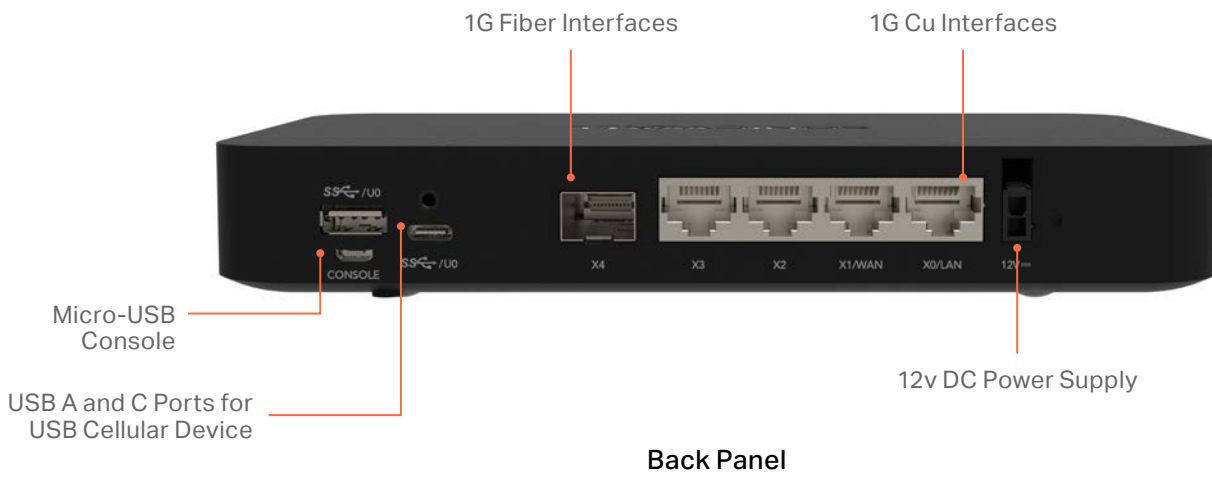


*MPSS is only available as part of the Service Provider Program for MSSPs at launch

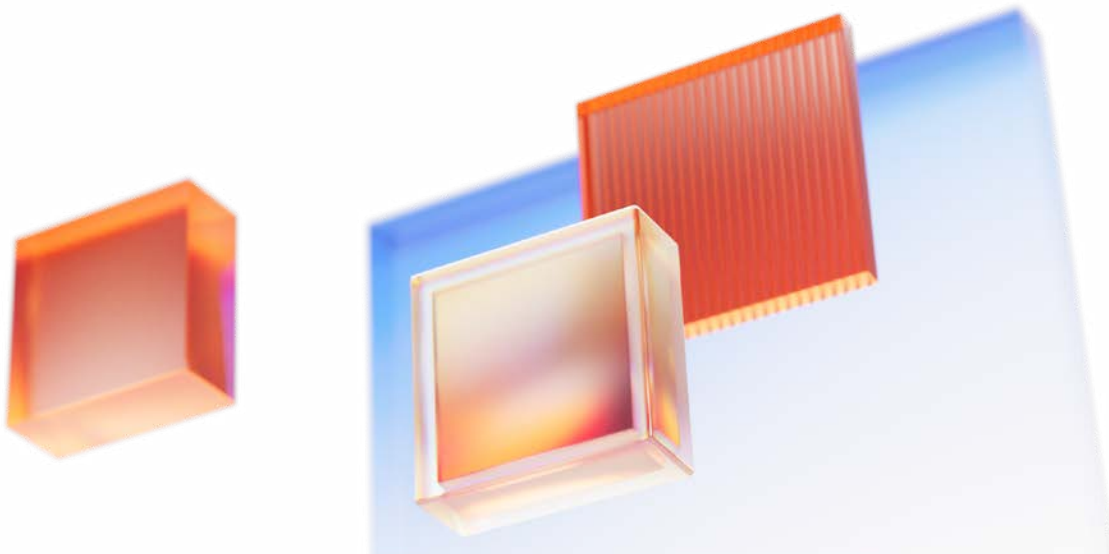
SonicWall TZ80 (Front & Back Panels)



Front Panel



Back Panel



Technical Specification Highlights

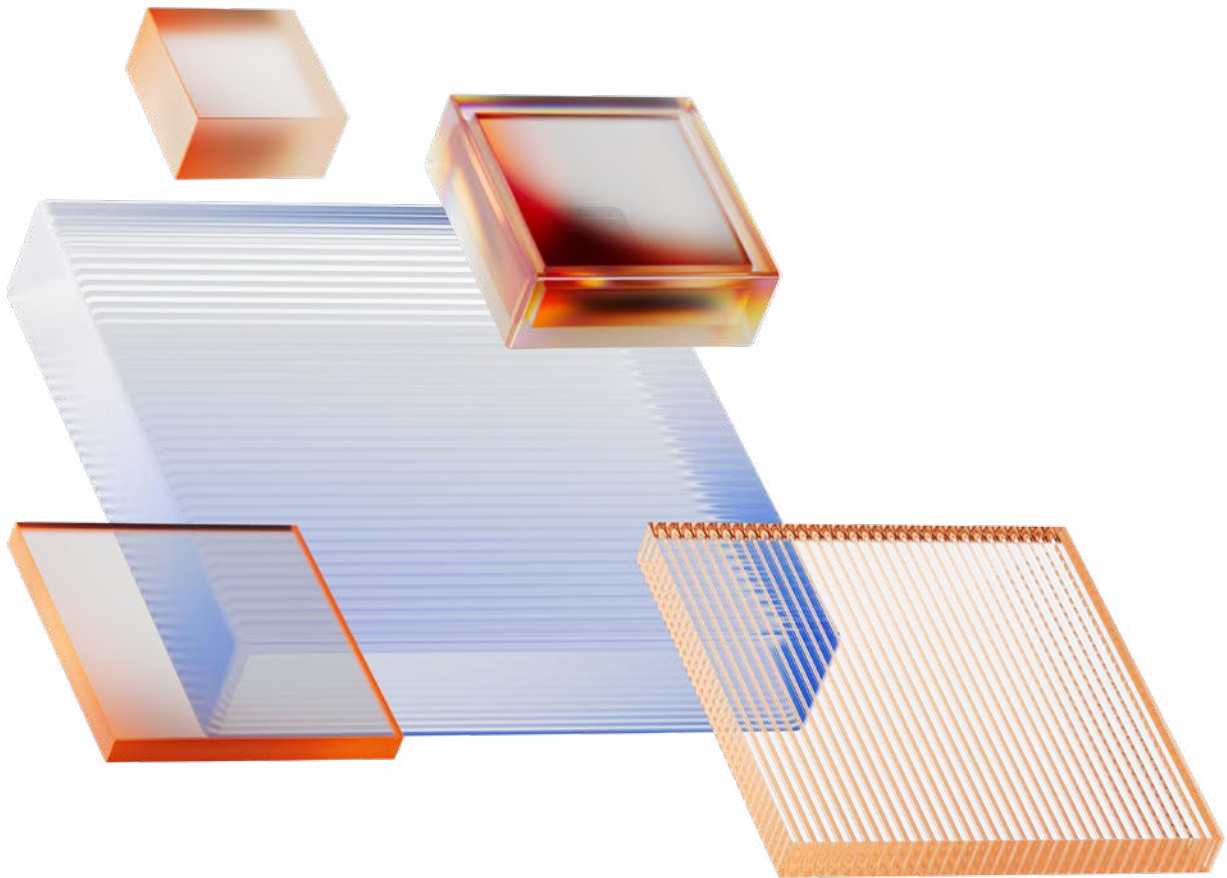
General

Device Type

Device Type	Width	Depth	Height	Weight
Security appliance	200.3 mm	113.6 mm	30.2mm,	0.438Kg

Networking

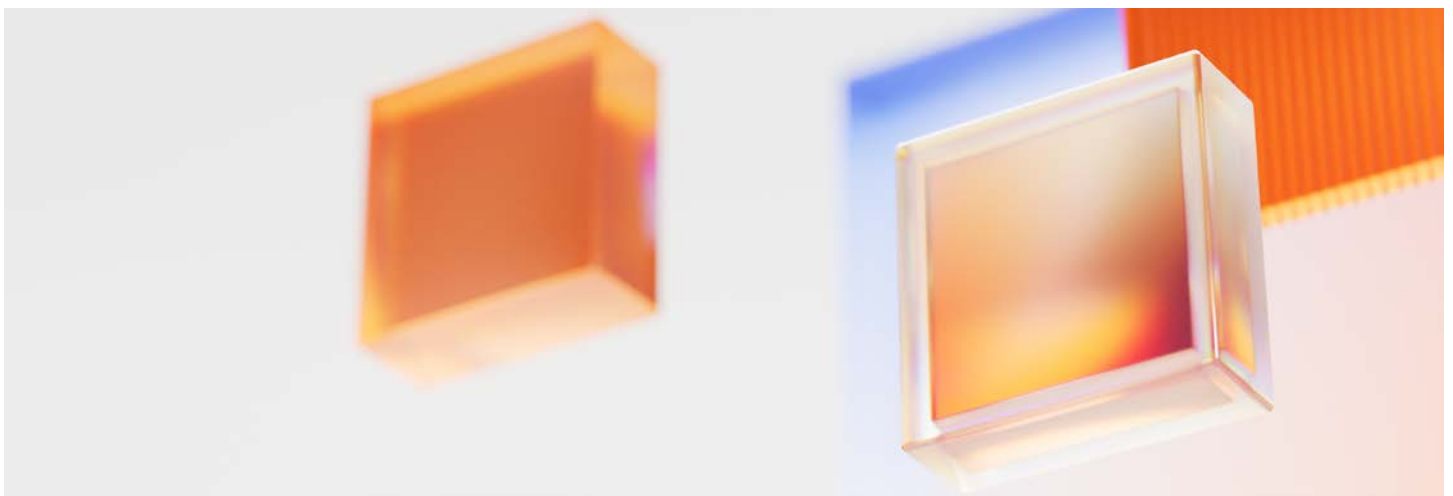
Form Factor	External
Number of Ports	5 (4x1G Ethernet + 1 xSFP)
Connectivity Technology	Wired
Network Management	Network Security Manager (2.6 and above), CLI, SSH, Web UI, REST APIs
Network / Transport Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3
Routing Protocol	OSPF, RIP-1, RIP-2, BGP, static IP routing, policy-based routing (PBR)
Performance	Firewall: 750 Mbps Threat Prevention: 750 Mbps Application Inspection: 750 Mbps 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 throughput	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	Yes
Application Visualization	Yes
Application Control	Yes
Capture Advanced Threat Protection	Yes
DNS Filtering	Yes
Cloud Secure Edge	
Secure Private Access	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, SSO, Novell, internal user database, Terminal Services, Citrix, Common Access Card (CAC)
Local user database	150
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	Pending : CSfC
High availability	Active/Standby with stateful synchronization
Hardware	
Form Factor	Desktop
Power supply	36W
Maximum power consumption (W)	11.6W
Input power	100-240 VAC, 50-60Hz, 3A
Total heat disipation (BTU)	39.6
Dimensions	200.3 x 113.6 x 30.2 (mm)
Weight	0.438 Kg
WEE weight	0.755 Kg
Shipping weight	0.973 Kg
MTBF @26°C in years	64.3
Environment(Operating/Storage)	0°C to ~+ 40°C / -40°C to ~ +70°C
Humidity	5-95% non-condensing
Regulatory	
Major regulatory compliance (wired models)	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
Regulatory Model Numbers	
TZ80	APL69-11B



SonicWall TZ80 Subscriptions and Service Suites

Feature	Secure Connect	Advanced Protection Service Suite	Managed Protection Service Suite*
24x7 Solution Support	Yes	Yes	Yes
Centralized Management & Orchestration	Yes	Yes	Yes
Layer 4/7 Stateful Firewall	Yes	Yes	Yes
SD-WAN & Advanced Routing	Yes	Yes	Yes
Intrusion Detection & Prevention		Yes	Yes
Content & Reputation Based Filtering		Yes	Yes
Capture ATP Sandboxing		Yes	Yes
DNS Filtering		Yes	Yes
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
24x7 Managed Firewall & Enhanced Support			Yes

*MPSS is only Available in Service provider program for North America Region



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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www.sonicwall.com

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