SonicWall TZ80

Affordable, perfect-fit NGFW for SOHO, 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, and a la carte reporting and analytics add-ons.

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 Secure Edge for Zero Trust Edge (ZTE) and Security Services Edge (SSE) security model extensions.

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

HIGHLIGHTS

- 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 filtering[1]
- Native SSL VPN secure access
- Cloud and centralized management
- Zero-touch and bulk provisioning
- Automated and remote configuration
- Private connector with SonicWall Cloud Secure Edge

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

Key Features

Strong performance, 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 Security 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-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 Security Suite licensing models allow you to select secure connectivity or advanced threat protection. APSS further provides add-on and stackable options to to meet unique business needs. Managed Protection Security Suite delivers fully managed firewall services and enhanced support.

Cost-savings, Subscription-Based

Organizations 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.

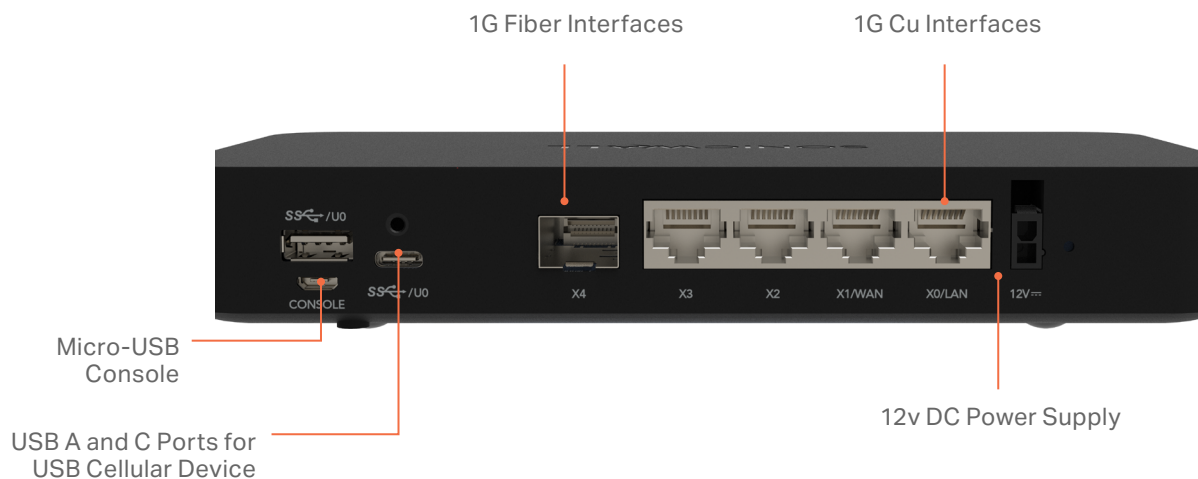### Access Verification, Zero-Trust Edge Support

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.
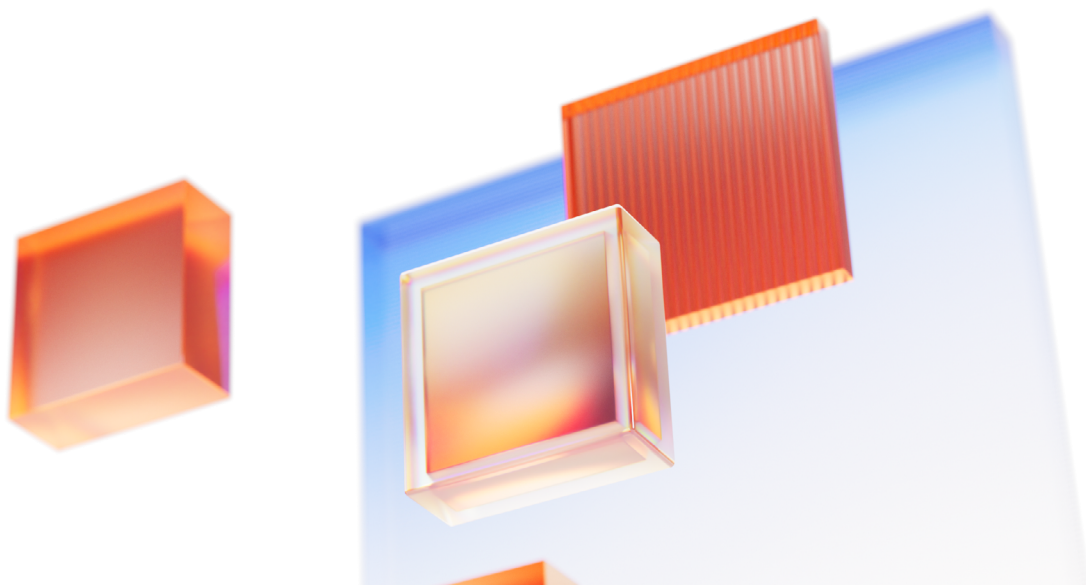
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SonicWall TZ80 (Front & Back Panels)

Status LEDs

Front Panel

1G Fiber Interfaces

1G Cu Interfaces

Micro-USB Console

USB A and C Ports for USB Cellular Device

12v DC Power Supply

Back Panel

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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			
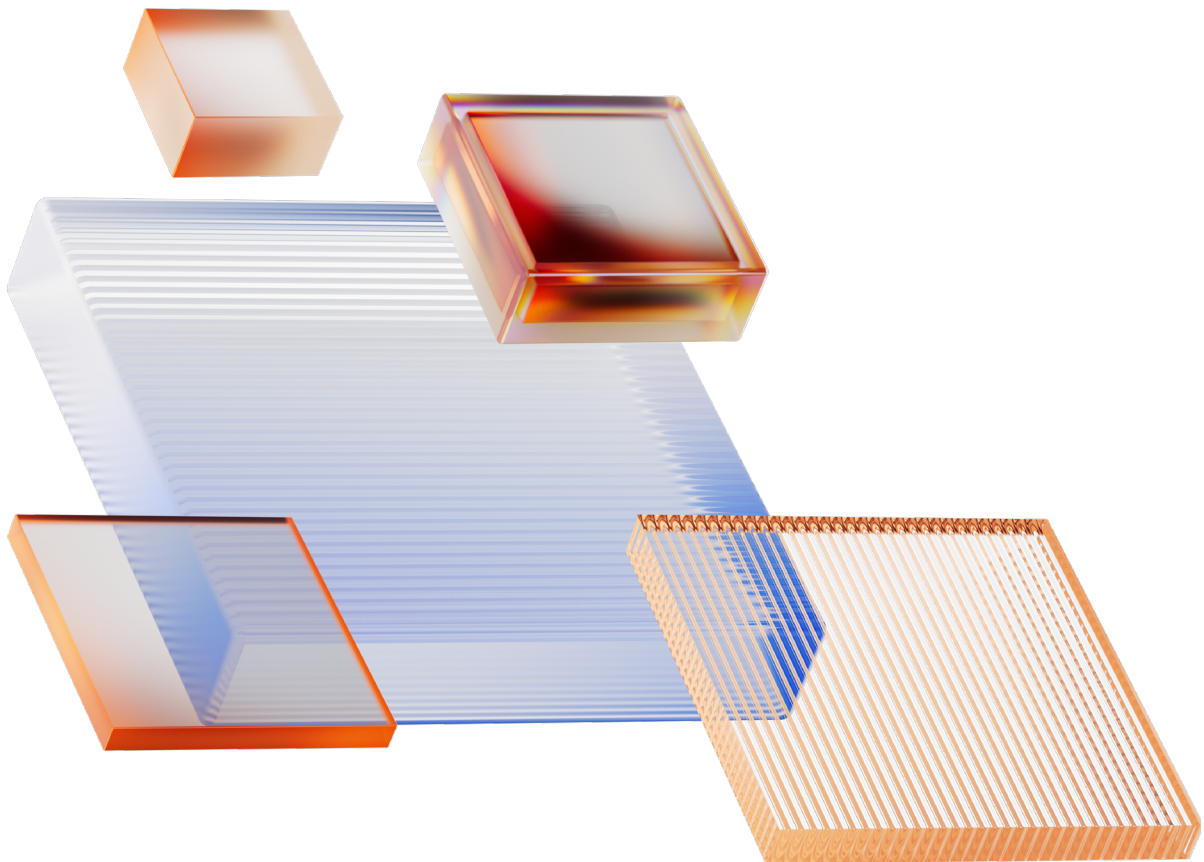
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# SonicWall TZ80 Specifications

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
NetExtender	Microsoft® Windows 10, Linux
Mobile Connect	Apple® iOS, Mac OS X, Google® AndroidTM, Kindle Fire, Chrome OS, Windows 10

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

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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 @26oC 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
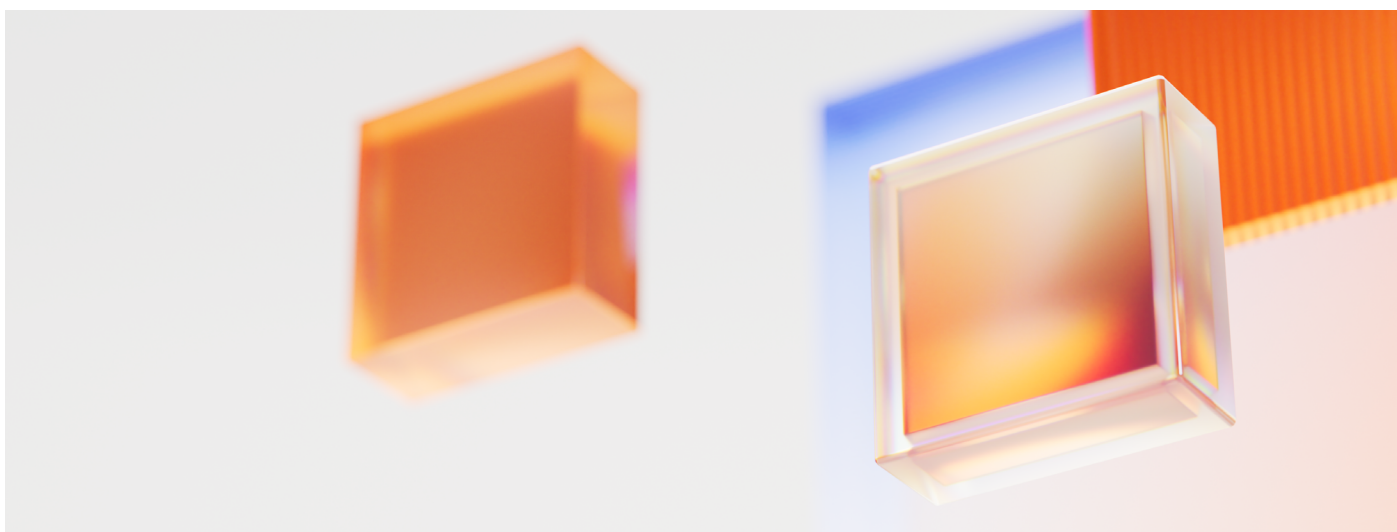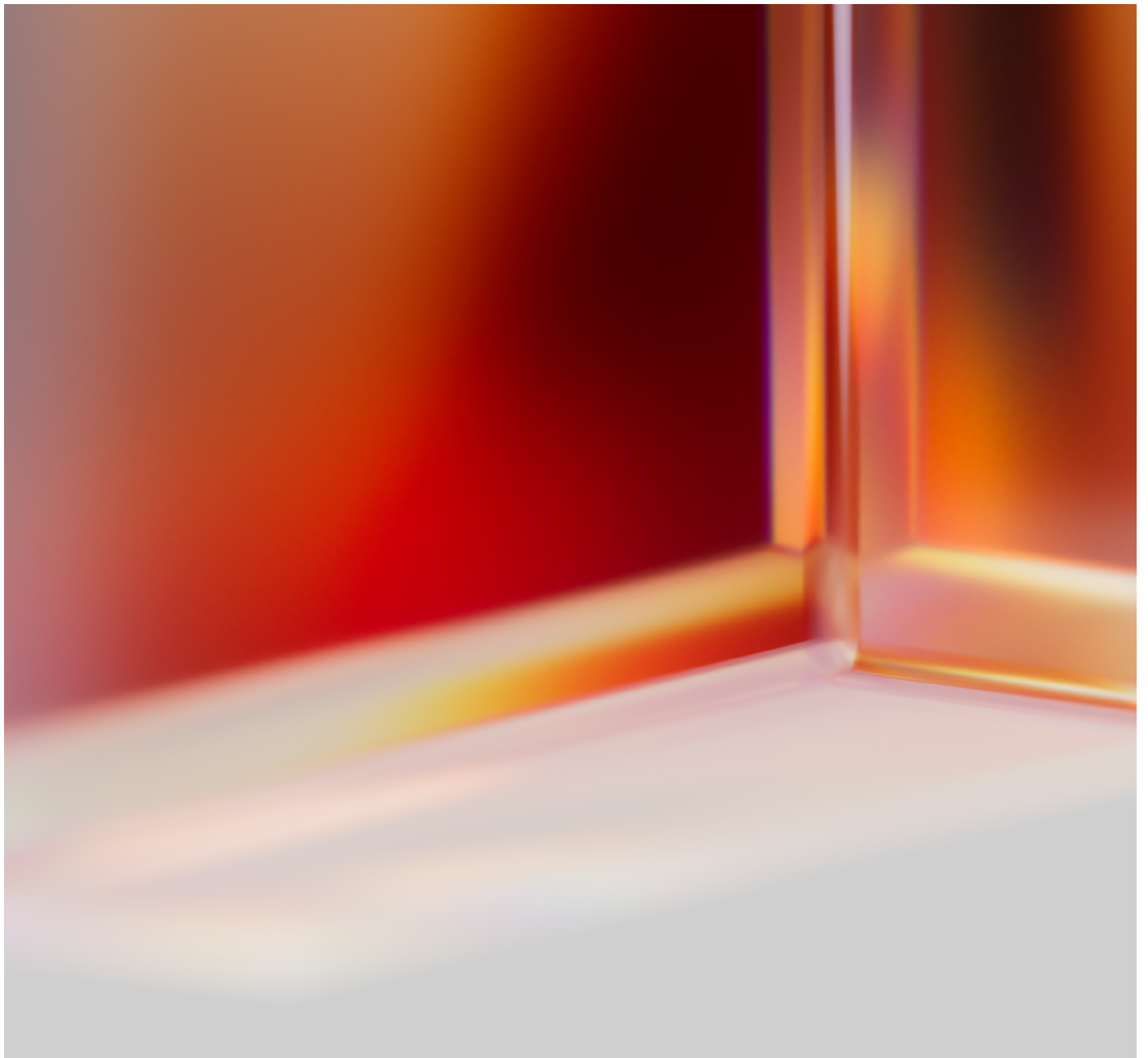
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About SonicWall

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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