

SONICWALL TZ80 FIREWALL DATASHEET

Overview

The SonicWall TZ80 is a next-generation firewall designed specifically for SOHO, IoT, and micro-SMB environments. It offers powerful security performance with firewall inspection and threat prevention throughput of up to 750 Mbps. This device features 5 ports (4x 1GbE Ethernet and 1x 1G SFP), supports up to 250 Single Sign-On users, and includes VPN capabilities such as 50 site-to-site tunnels and multiple VPN client licenses. It delivers high security efficacy with advanced protection like intrusion prevention, anti-malware, and deep packet inspection, all at a low total cost of ownership (TCO). It supports various management methods including Network Security Manager, CLI, SSH, Web UI, and REST APIs, making it flexible for diverse network setups.

QUICK SPEC

FIGURE 1: APPEARANCE OF SONICWALL TZ80 FIREWALL



TABLE 1: QUICK SPECS OF SONICWALL TZ80 FIREWALL

SKU	SONICWALL TZ80
Description	SonicWall TZ80 Next-Generation Firewall
Throughput (Firewall inspection , Threat prevention , Application inspection, Anti-malware inspection Throughput)	750 Mbps
Dimensions	200.3 x 113.6 x 30.2 (mm)

Product Details

FIGURE 2: FRONT PANEL OF SONICWALL TZ80 FIREWALL



FIGURE 3: BACK PANEL OF SONICWALL TZ80 FIREWALL



SONICWALL TZ80 FIREWALL provides these features:

1.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.

2.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.

3.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.

4.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.

5.Cost-savings, Operate with License

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.

6.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.

SPECIFICATION

Firewall General	
Operating System	SonicOS
Single Sign-On (SSO) Users	250
VLAN interfaces	64
Access Points Supported (Maximum)	2
Management	Network Security Manager (2.6 and above), CLI, SSH, Web UI, REST APIs
Firewall/VPN Performance	
Firewall inspection throughput	750 Mbps
Threat prevention throughput	750 Mbps
Application inspection throughput	750 Mbps
Anti-malware inspection throughput	750 Mbps
TLS/SSL inspection and encryption throughput (DPI SSL)	750 Mbps
IPSEC VPN throughput	750 Mbps

Connections per second	7,500
Maximum connections (SPI)	300,000
Maximum connections (DPI)	75,000
Maximum connections (DPI SSL)	10,000
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
Firewall General	
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® Android™, 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
Networking	

IP address assignment	Static (DHCP, PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP relay
Firewall General	
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 ~+ 40°C / -40°C ~ +70°C
Humidity	5-95% non-condensing
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

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