

[Manuals.plus](#) /

› [Sonicwall](#) /

› SonicWall TZ370W Wireless Gen7 Firewall Instruction Manual

Sonicwall TZ370W

SonicWall TZ370W Wireless Gen7 Firewall Instruction Manual

Model: TZ370W (02-SSC-2827)

1. PRODUCT OVERVIEW

The SonicWall TZ370W Wireless Gen7 Firewall is a security appliance designed for small and midsize offices. It combines multi-gigabit firewall performance with integrated 802.11ac Wave 2 wireless capabilities to secure both wired and wireless users.

This device is engineered to stop ransomware and zero-day threats through Capture ATP sandboxing and Real-Time Deep Memory Inspection (RTDMI), complemented by Intrusion Prevention System (IPS) and anti-malware features for a comprehensive layered defense. Its built-in Wi-Fi reduces equipment complexity and facilitates rapid deployment in environments requiring reliable wireless access. The TZ370W also supports SD-WAN, VPN, and centralized management via Network Security Manager (NSM) to streamline distributed networking and policy enforcement. It can handle approximately 1,000,000 concurrent connections, allowing SMBs to expand users and SaaS applications without performance bottlenecks.



Figure 1: SonicWall TZ370W Wireless Gen7 Firewall, front view.

2. HARDWARE COMPONENTS

2.1 Front Panel

TZ370W Rear Panel

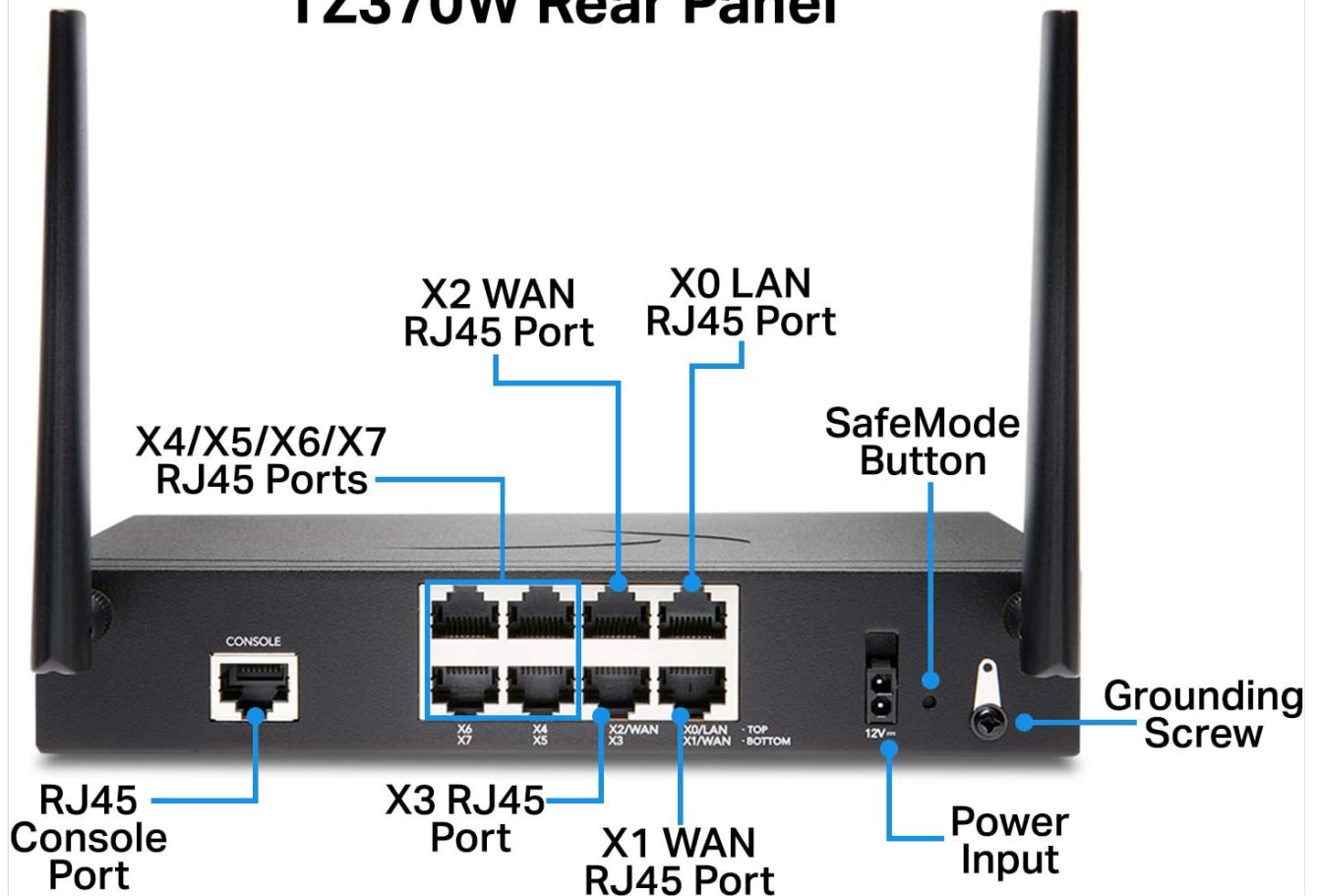


Figure 2: Front Panel of the TZ370W, showing USB 3.0 ports, various LED indicators (Power, Test, Security, Wireless W0 WLAN, Storage, RJ45 Port, WAN X1/X2, LAN/MGMT X0, U0 WWAN for USB 5G/LTE).

The front panel features status LEDs and USB 3.0 ports. The LEDs provide visual indications of the device's operational status, including power, system tests, security alerts, wireless activity, storage status, and network port activity.

2.2 Rear Panel

TZ370W Front Panel

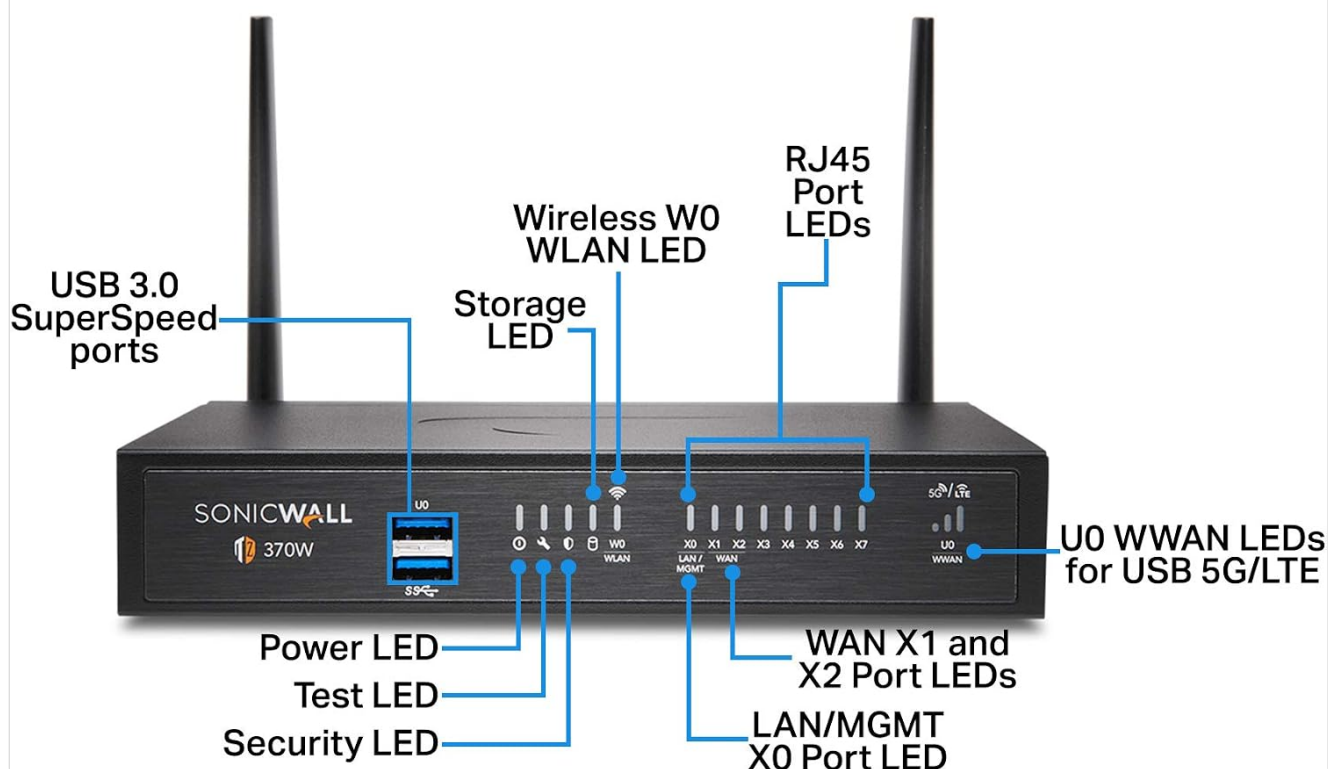


Figure 3: Rear Panel of the TZ370W, illustrating the RJ45 Console Port, X3 RJ45 Port, X4/X5/X6/X7 RJ45 Ports, X2 WAN RJ45 Port, X0 LAN RJ45 Port, X1 WAN RJ45 Port, SafeMode Button, Power Input, and Grounding Screw.

The rear panel includes all essential connectivity ports and controls. These include the RJ45 console port for direct management, multiple RJ45 ports for LAN and WAN connections, a SafeMode button for system recovery, the power input, and a grounding screw for electrical safety.

3. SETUP AND INSTALLATION

Setting up the SonicWall TZ370W requires a basic understanding of network technology and a MySonicWall account for registration and management. Follow these general steps for initial installation:

1. **Unpack the Device:** Carefully remove the TZ370W from its packaging. Ensure all components are present.
2. **Physical Placement:** Place the device on a stable, flat surface in a well-ventilated area. Ensure adequate space for airflow around the unit.
3. **Connect Network Cables:**
 - Connect your internet service provider's modem or router to one of the WAN ports (e.g., X1 WAN or X2 WAN) on the TZ370W using an Ethernet cable.
 - Connect your internal network devices (switches, computers) to the LAN ports (e.g., X0 LAN, X3, X4/X5/X6/X7) using Ethernet cables.
4. **Connect Power:** Connect the power adapter to the 12V power input on the rear panel and then plug it into a power outlet. The device will power on automatically.
5. **Initial Configuration:** Access the device's web management interface from a computer connected to a LAN port. Refer to the SonicWall documentation for the default IP address and login credentials. You will typically be guided through an initial setup wizard.
6. **Register with MySonicWall:** Register your device with your MySonicWall account to activate licenses, download firmware updates, and access support resources.

4. OPERATING INSTRUCTIONS

Once configured, the SonicWall TZ370W operates as a central point for network security and connectivity. Key operational aspects include:

- **Firewall Protection:** The device actively inspects network traffic to enforce security policies, blocking unauthorized access and malicious content.
- **Wireless Access:** The integrated 802.11ac Wave 2 wireless provides secure Wi-Fi connectivity for your internal users. Configure SSIDs, security protocols (WPA, WPS), and access controls via the management interface.
- **Threat Prevention:** Leverage Capture ATP sandboxing, RTDMI, IPS, and anti-malware features to protect against advanced threats, including ransomware and zero-day exploits.
- **SD-WAN and VPN:** Utilize SD-WAN capabilities for optimized network performance across multiple locations and configure VPN tunnels for secure remote access or site-to-site connectivity.
- **Centralized Management:** For larger deployments, the Network Security Manager (NSM) allows for streamlined management and policy enforcement across multiple SonicWall devices.
- **Monitoring Status:** Observe the front panel LEDs (Figure 2) to quickly assess the device's status. For detailed monitoring, use the web management interface to view logs, reports, and real-time traffic statistics.

5. MAINTENANCE

Regular maintenance ensures optimal performance and security of your SonicWall TZ370W:

- **Firmware Updates:** Periodically check for and apply the latest firmware updates from MySonicWall. Firmware updates often include security patches, bug fixes, and new features.
- **Configuration Backups:** Regularly back up your device configuration. This allows for quick restoration in case of accidental changes or system issues.
- **Security Service Renewals:** Ensure that all security subscriptions (e.g., Capture ATP, IPS, Anti-Malware) are current to maintain comprehensive protection.
- **Physical Inspection:** Keep the device free from dust and ensure proper ventilation. Avoid blocking air vents.
- **Log Review:** Regularly review system logs and reports for unusual activity or potential security incidents.

6. TROUBLESHOOTING

If you encounter issues with your SonicWall TZ370W, consider the following troubleshooting steps:

- **No Power:** Check the power cable connection to the device and the power outlet. Verify the power LED on the front panel is illuminated.
- **No Internet Connectivity:**
 - Verify that the WAN port cable is securely connected and the corresponding LED is active.
 - Check your internet service provider's modem/router for connectivity.
 - Review the network status in the SonicWall management interface.
- **Wi-Fi Connectivity Issues:**
 - Ensure the Wireless W0 WLAN LED is active.
 - Check Wi-Fi settings (SSID, password, security type) in the management interface.
 - Confirm that wireless clients are within range and have the correct credentials.

- **Accessing Management Interface:** If you cannot access the web interface, ensure your computer is connected to a LAN port and has an IP address within the same subnet as the device. Try pinging the device's IP address.
- **SafeMode Button:** The SafeMode button on the rear panel (Figure 3) can be used for system recovery or to reset the device to factory defaults if other methods fail. Consult official SonicWall documentation before using this feature.
- **Consult Documentation:** For more detailed troubleshooting, refer to the official SonicWall support portal and knowledge base.

7. SPECIFICATIONS

The following table outlines the key technical specifications for the SonicWall TZ370W Wireless Gen7 Firewall:

Feature	Specification
Brand	Sonicwall
Model Name	TZ370W Wireless
Model Number	02-SSC-2827
Operating System	SonicOS 7.0
Interfaces	8x1GbE, 2 USB 3.0, 1 Console
Wireless Support	2x2 802.11ac Wave 2
Storage Expansion Slot	Optional up to 256GB
Single Sign-On (SSO) Users	1,000
VLAN Interfaces	128
Access Points Supported (maximum)	16
Firewall Inspection Throughput	3 Gbps
Threat Prevention Throughput	1.5 Gbps
IPS Throughput	1.5 Gbps
Anti-Malware Throughput	1 Gbps
TLS/SSL Inspection and Decryption Throughput (DPI SSL)	500 Mbps
IPSec VPN Throughput	1.3 Gbps
Maximum Connections (SPI)	900,000
Maximum Connections (DPI)	200,000
Maximum Connections (DPI SSL)	30,000
VPN Site-to-Site Tunnels	100
VPN IPSec Client Licenses (maximum)	5 (200)
VPN SSL VPN Licenses (maximum)	2 (100)
Security Protocol	WPA, WPS
Number of Ports	10
Data Transfer Rate	1 Gigabits Per Second
LAN Port Bandwidth	1000 Mbps
Maximum Upstream Data Transfer Rate	1000 Megabits Per Second
Number of Antennas	2
Item Weight	3.2 Pounds

SonicWall Gen 7 TZ series system specifications

FIREWALL GENERAL	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
Operating system	SonicOS 7.0				
Interfaces	8x1GbE, 2 USB 3.0, 1 Console	8x1GbE, 2 USB 3.0, 1 Console	8x1GbE, 2x2.5GbE, 2 USB 3.0, 1 Console	8x1GbE, 2x5GbE, 2 USB 3.0, 1 Console	8x1GbE, 2x10GbE, 2 USB 3.0, 1 Console
Wireless support	2x2 802.11ac Wave 2 (TZ270W)	2x2 802.11ac Wave 2 (TZ370W)	2x2 802.11ac Wave 2 (TZ470W)	2x2 802.11ac Wave 2 (TZ570W)	N/A
Power over Ethernet (PoE) support	N/A	N/A	N/A	5 PoE or 3PoE+ (TZ570P)	N/A
Storage expansion slot (Bottom)	Optional up to 256GB				Optional up to 256GB, 32GB included
Management	Network Security Manager, CLI, SSH, Web UI, GMS, REST APIs				
Redundant power supply	N/A	N/A	N/A	Yes	Yes
Single Sign-On (SSO) Users	1,000	1,000	2,500	2,500	2,500
VLAN interfaces	64	128	128	256	256
Access points supported (maximum)	16	16	32	32	32



Figure 4: Detailed system specifications for SonicWall Gen 7 TZ series, including TZ370 series.

SonicWall Gen 7 TZ series system specifications continued

FIREWALL/VPN PERFORMANCE	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
Firewall inspection throughput ¹	2 Gbps	3 Gbps	3.5 Gbps	4 Gbps	5 Gbps
Threat prevention throughput ²	750 Mbps	1 Gbps	1.5 Gbps	2 Gbps	2.5 Gbps
Application inspection throughput ²	1 Gbps	1.5 Gbps	2 Gbps	2.5 Gbps	3 Gbps
IPS throughput ²	1 Gbps	1.5 Gbps	2 Gbps	2.5 Gbps	3 Gbps
Anti-malware inspection throughput ²	750 Mbps	1 Gbps	1.5 Gbps	2 Gbps	2.5 Gbps
TLS/SSL inspection and decryption throughput (DPI SSL) ²	300 Mbps	500 Mbps	600 Mbps	750 Mbps	800 Mbps
IPSec VPN throughput ³	750 Mbps	1.3 Gbps	1.5 Gbps	1.8 Gbps	2.1 Gbps
Connections per second	6,000	9,000	12,000	16,000	25,000
Maximum connections (SPI)	750,000	900,000	1,000,000	1,250,000	1,500,000
Maximum connections (DPI)	150,000	200,000	250,000	400,000	500,000
Maximum connections (DPI SSL)	25,000	30,000	35,000	50,000	75,000
VPN	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
Site-to-site VPN tunnels	50	100	150	200	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-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® Android™, Kindle Fire, Chrome OS, Windows 10				
SECURITY SERVICES	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
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				
NETWORKING	TZ270 SERIES	TZ370 SERIES	TZ470 SERIES	TZ570 SERIES	TZ670 SERIES
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	250	250	250	250
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				

Figure 5: Detailed firewall performance specifications for SonicWall Gen 7 TZ series, including TZ370 series.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your SonicWall TZ370W or visit the official SonicWall website. Warranty terms typically cover manufacturing defects for a specified period.

Technical support is available through SonicWall's official channels. It is recommended to register your product on your MySonicWall account to access support resources, firmware downloads, and to manage your security subscriptions. Support may include online knowledge bases, forums, and direct contact with technical support

personnel.

For additional resources and product information, visit the official SonicWall website:www.sonicwall.com

© 2024 SonicWall. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question