The latest SonicWall TZ series, are the first desktop form factor next-generation firewalls (NGFW) with 10 or 5 Gigabit Ethernet interfaces. The series consist of a wide range of products to suit a variety of use cases.

Designed for small, mid-sized organizations and distributed enterprise with SD-Branch locations, the 7th generation (Gen 7) TZ series delivers industry-validated security effectiveness with best-in-class price-performance. These NGFWs address the growing trends in web encryption, connected devices and high-speed mobility by delivering a solution that meets the need for automated, real-time breach detection and prevention.

TZ Series (Gen 7) Spec Preview. View full specs »

**HIGHLIGHTS**

- 10/5/2.5/1 GbE interfaces in a desktop form factor
- SD-Branch ready
- Secure SD-WAN capability
- SonicExpress App onboarding
- Zero-Touch Deployment
- Single-pane-of-glass-management through cloud or firewall
- SonicWall Switch, SonicWave Access Point and Capture Client integration
- Built-in and expandable storage
- Redundant power
- High port density
- Cellular failover
- SonicOS 7.0
- TLS 1.3 support
- Groundbreaking performance
- High connection count
- Fast DPI performance
- Low TCO

Find the right SonicWall solution for your business:

[sonicwall.com/TZ](sonicwall.com/TZ)
The Gen 7 TZ series are highly scalable, with high port density of up to 10 ports. It features both in-built and an expandable storage of up to 256GB, that enables various features including logging, reporting, caching, firmware backup and more. An optional second power supply provides added redundancy in case of failure on select models.

Deployment of Gen 7 TZs are further simplified by Zero-Touch Deployment, with the ability to simultaneously roll out these devices across multiple locations with minimal IT support. Built on next-gen hardware, it integrates firewalls, switching and wireless capabilities, plus provides single-pane-of-glass management for SonicWall Switches and SonicWave Access Points. It allows tight integration with Capture Client for seamless endpoint security.

**SonicOS and Security Services**

The SonicOS architecture is at the core of TZ NGFWs. Gen 7 TZs are powered by the feature rich SonicOS 7.0 operating system with new modern looking UX/UI, advanced security, networking and management capabilities. Gen 7 TZ features integrated SD-WAN, TLS 1.3 support, real-time visualization, high-speed virtual private networking (VPN) and other robust security features.

Unknown threats are sent to SonicWall’s cloud-based Capture Advanced Threat Protection (ATP) multiengine sandbox for analysis. Enhancing Capture ATP is our patent-pending Real-Time Deep Memory Inspection (RTDMI™) technology. As one of Capture ATP’s engine, RTDMI detects and blocks malware and zero-day threats by inspecting directly in memory.

By leveraging Capture ATP with RTDMI technology, in addition to security services such as Reassembly-Free Deep Packet Inspection (RFDPI), Anti-virus and Anti-spyware Protection, intrusion prevention system, Application Intelligence and Control, Content Filtering Services, DPI-SSL, TZ series firewalls stop malware, ransomware and other advanced threats at the gateway. For more information, refer the SonicOS and Security Services Datasheet.
**Deployments**

**Small to Medium size Business**
- Save space and money with an integrated gateway security solution with firewalling, switching and wireless capabilities
- Reduce complexity and get the business running without relying on IT personnel with easy onboarding using SonicExpress App and Zero-Touch Deployment, and easy management through a single pane of glass
- Attain business continuity by providing failover to cellular connectivity
- Protect network from attacks with a comprehensive security solution that incorporates VPN, IPS, CFS, AV and much more
- Leverage high port density to power on multiple PoE devices such as IP phones and IP cameras with TZ570P
- Boost employee productivity by blocking unauthorized access with traffic segmentation and access policies

**Distributed Enterprise with SD-Branches**
- Enhance customer experience and adapt to the changing business needs by enabling next-gen branch connectivity with SD-Branch
- Drive business growth by investing in next-gen appliances with multi-gigabit and advanced security features, to future-proof against the changing network and security landscape
- Secure networks from the most advanced attacks with advanced security features and automatically block threats on decrypted traffic using protocols such as TLS 1.3
- Leverage end-to-end network security with seamless integration of SonicWave access points, SonicWall Switches and Capture Client
- Ensure seamless communication as stores talk to HQ via easy VPN connectivity which allows IT administrators to create a hub and spoke configuration for the safe transport of data between all locations
- Improve business efficiency, performance and reduce costs by leveraging Gen 7 TZ’s hardware and software enhancements, plus features such SD-WAN technology
- Scale quickly and effortlessly with SonicExpress App and Zero-Touch Deployment
- Ensure business continuity by providing failover to cellular connectivity
- Maintain compliance with security features, and leverage built-in and expandable storage to store logs for audit purposes
**SonicWall TZ270 series**

Designed for home offices and lean branches, the TZ270 series deliver industry-validated security effectiveness with best-in-class price-performance.

**TZ270W Front Panel**

- USB 3.0 SuperSpeed ports
- RJ45 Port LEDs
- Power LED
- Test LED
- Security LED
- Storage LED
- Wireless W0 WLAN LED (Wireless TZ270W only)
- U0 WWAN LEDs for USB 5G/LTE
- LAN/MGMT X0 Port LED
- WAN X1 and X2 Port LEDs

**TZ270W Rear Panel**

- X4/X5/X6/X7 RJ45 Ports
- X2 WAN RJ45 Port
- X0 LAN RJ45 Port
- RJ45 Console Port
- X3 RJ45 Port
- X1 WAN RJ45 Port
- Power Input
- Grounding Screw
- SafeMode Button

---

**SonicWall TZ370 series**

Designed for small organizations and lean branches, the TZ370 series deliver industry-validated security effectiveness with best-in-class price-performance.

**TZ370W Front Panel**

- USB 3.0 SuperSpeed ports
- RJ45 Port LEDs
- Power LED
- Test LED
- Security LED
- Storage LED
- Wireless W0 WLAN LED (Wireless TZ370W only)
- U0 WWAN LEDs for USB 5G/LTE
- LAN/MGMT X0 Port LED
- WAN X1 and X2 Port LEDs

**TZ370W Rear Panel**

- X4/X5/X6/X7 RJ45 Ports
- X2 WAN RJ45 Port
- X0 LAN RJ45 Port
- RJ45 Console Port
- X3 RJ45 Port
- X1 WAN RJ45 Port
- Power Input
- Grounding Screw
- SafeMode Button

---

**SonicWall TZ470 series**

Designed for small organizations and distributed enterprise with SD-Branch locations, the TZ470 series deliver industry-validated security effectiveness with best-in-class price-performance.

**TZ470W Front Panel**

- USB 3.0 SuperSpeed ports
- RJ45 Port LEDs
- Power LED
- Test LED
- Security LED
- Storage LED
- Wireless W0 WLAN LED (Wireless TZ470W only)
- U0 WWAN LEDs for USB 5G/LTE
- LAN/MGMT X0 Port LED
- WAN X1 and X2 Port LEDs
- SFP/SFP+ Port LEDs

**TZ470W Rear Panel**

- X4/X5/X6/X7 RJ45 Ports
- X2 WAN RJ45 Port
- X0 LAN RJ45 Port
- RJ45 Console Port
- X3 RJ45 Port
- X8/X9 SFP/SFP+ Ports
- Power Input
- Grounding Screw
- SafeMode Button
SonicWall TZ570 series
Designed for small to mid-sized organizations and distributed enterprise with SD-Branch locations, the TZ570 series deliver industry-validated security effectiveness with best-in-class price-performance.

TZ570W Front Panel

TZ570W Rear Panel

SonicWall TZ670 series
Designed for mid-sized organizations and distributed enterprise with SD-Branch locations, the TZ670 delivers industry-validated security effectiveness with best-in-class price-performance.

TZ670W Front Panel

TZ670W Rear Panel
### SonicWall TZ Series (Gen 7) Specifications

<table>
<thead>
<tr>
<th>Firewall General</th>
<th>TZ270 SERIES</th>
<th>TZ370 SERIES</th>
<th>TZ470 SERIES</th>
<th>TZ570 SERIES</th>
<th>TZ670 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating system</td>
<td>SonicOS 7.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interfaces</td>
<td>8x1GbE, 2 USB 3.0, 1 Console</td>
<td>8x1GbE, 2 USB 3.0, 1 Console</td>
<td>8x1GbE, 2x2.5G SFP+, 2 USB 3.0, 1 Console</td>
<td>8x1GbE, 2x5G SFP+, 2 USB 3.0, 1 Console</td>
<td>8x1GbE, 2x10G SFP+, 2 USB 3.0, 1 Console</td>
</tr>
<tr>
<td>Wireless support</td>
<td>2x2 802.11ac Wave 2 (TZ270W)</td>
<td>2x2 802.11ac Wave 2 (TZ27W)</td>
<td>2x2 802.11ac Wave 2 (TZ470W)</td>
<td>2x2 802.11ac Wave 2 (TZ57W)</td>
<td>N/A</td>
</tr>
<tr>
<td>Power over Ethernet (PoE) support</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>5 PoE or 3PoE+ (TZ570)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Storage expansion slot (Bottom)</th>
<th>Optional up to 256GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management</td>
<td>Network Security Manager, CLI, SSH, Web UI, GMS, REST APIs</td>
</tr>
<tr>
<td>Redundant power supply</td>
<td>N/A</td>
</tr>
<tr>
<td>Single Sign-On (SSO) Users</td>
<td>1,000</td>
</tr>
<tr>
<td>VLAN interfaces</td>
<td>64</td>
</tr>
<tr>
<td>Access points supported (maximum)</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Firewall/VPN Performance</th>
<th>TZ270 SERIES</th>
<th>TZ370 SERIES</th>
<th>TZ470 SERIES</th>
<th>TZ570 SERIES</th>
<th>TZ670 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall inspection throughput¹</td>
<td>2 Gbps</td>
<td>3 Gbps</td>
<td>3.5 Gbps</td>
<td>4 Gbps</td>
<td>5 Gbps</td>
</tr>
<tr>
<td>Threat prevention throughput²</td>
<td>750 Mbps</td>
<td>1 Gbps</td>
<td>1 Gbps</td>
<td>1.5 Gbps</td>
<td>2 Gbps</td>
</tr>
<tr>
<td>Application inspection throughput²</td>
<td>1 Gbps</td>
<td>1.5 Gbps</td>
<td>2 Gbps</td>
<td>2.5 Gbps</td>
<td>3 Gbps</td>
</tr>
<tr>
<td>IPS throughput²</td>
<td>1 Gbps</td>
<td>1.5 Gbps</td>
<td>2 Gbps</td>
<td>2.5 Gbps</td>
<td>3 Gbps</td>
</tr>
<tr>
<td>Anti-malware inspection throughput²</td>
<td>750 Mbps</td>
<td>1 Gbps</td>
<td>1 Gbps</td>
<td>1.5 Gbps</td>
<td>2 Gbps</td>
</tr>
<tr>
<td>TLS/SSL inspection and decryption throughput (DPI SSL)²</td>
<td>300 Mbps</td>
<td>500 Mbps</td>
<td>600 Mbps</td>
<td>750 Mbps</td>
<td>800 Mbps</td>
</tr>
<tr>
<td>IPSec VPN throughput³</td>
<td>750 Mbps</td>
<td>1.38 Gbps</td>
<td>1.5 Gbps</td>
<td>1.8 Gbps</td>
<td>2.1 Gbps</td>
</tr>
<tr>
<td>Connections per second</td>
<td>6,000</td>
<td>9,000</td>
<td>12,000</td>
<td>16,000</td>
<td>25,000</td>
</tr>
<tr>
<td>Maximum connections (SPI)</td>
<td>750,000</td>
<td>900,000</td>
<td>1,000,000</td>
<td>1,250,000</td>
<td>1,500,000</td>
</tr>
<tr>
<td>Maximum connections (DPI)</td>
<td>150,000</td>
<td>200,000</td>
<td>250,000</td>
<td>400,000</td>
<td>500,000</td>
</tr>
<tr>
<td>Maximum connections (DPI SSL)</td>
<td>25,000</td>
<td>30,000</td>
<td>35,000</td>
<td>50,000</td>
<td>75,000</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>VPN</th>
<th>TZ270 SERIES</th>
<th>TZ370 SERIES</th>
<th>TZ470 SERIES</th>
<th>TZ570 SERIES</th>
<th>TZ670 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site-to-site VPN tunnels</td>
<td>50</td>
<td>100</td>
<td>150</td>
<td>200</td>
<td>250</td>
</tr>
<tr>
<td>IPSec VPN clients (maximum)</td>
<td>5 (200)</td>
<td>5 (200)</td>
<td>5 (200)</td>
<td>10 (500)</td>
<td>10 (500)</td>
</tr>
<tr>
<td>SSL VPN licenses (maximum)</td>
<td>1 (50)</td>
<td>2 (100)</td>
<td>2 (150)</td>
<td>2 (200)</td>
<td>2 (250)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Encryption/authentication</th>
<th>DES, 3DES, AES (128, 192, 256-bit)/MD5, SHA-1, Suite B Cryptography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Key exchange</td>
<td>DiffieHellman Groups 1, 2, 5, 14v</td>
</tr>
<tr>
<td>Route-based VPN</td>
<td>RIP, OSPF, BGP</td>
</tr>
<tr>
<td>Certificate support</td>
<td>Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA for SonicWall-to-SonicWall VPN, SCP</td>
</tr>
<tr>
<td>VPN features</td>
<td>Dead Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Redundant VPN Gateway, Route-based VPN</td>
</tr>
<tr>
<td>Global VPN client platforms supported</td>
<td>Microsoft® Windows 10</td>
</tr>
<tr>
<td>NetExtender</td>
<td>Microsoft® Windows 10, Linux</td>
</tr>
<tr>
<td>Mobile Connect</td>
<td>Apple® iOS, Mac OS X, Google™ Android™, Kindle Fire, Chrome OS, Windows 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Security Services</th>
<th>TZ270 SERIES</th>
<th>TZ370 SERIES</th>
<th>TZ470 SERIES</th>
<th>TZ570 SERIES</th>
<th>TZ670 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deep Packet Inspection services</td>
<td>Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, DPI SSL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Content Filtering Service (CFS)</td>
<td>HTTP URL, HTTPS IP, keyword and content scanning, Comprehensive filtering based on file types such as ActiveX, Java, Cookies for privacy, allow/forbid lists</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comprehensive Anti-Spam Service</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application Visualization</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application Control</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capture Advanced Threat Protection</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<table>
<thead>
<tr>
<th>Networking</th>
<th>TZ270 SERIES</th>
<th>TZ370 SERIES</th>
<th>TZ470 SERIES</th>
<th>TZ570 SERIES</th>
<th>TZ670 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP address assignment</td>
<td>Static (DHCP, PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP relay</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAT modes</td>
<td>1:1, 1:many, many:1, many:many, flexible NAT (overlapping IPs), PAT, transparent mode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Routing protocols</td>
<td>BGP, OSPF, RIPv1/v2, static routes, policy-based routing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QoS</td>
<td>Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1e (WMM)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Authentication</td>
<td>LDAP (multiple domains), XAUTH/RADIUS, SSO, Novell, internal user database, Terminal Services, Citrix, Common Access Card (CAC)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Networking
<table>
<thead>
<tr>
<th>TZ270 SERIES</th>
<th>TZ370 SERIES</th>
<th>TZ470 SERIES</th>
<th>TZ570 SERIES</th>
<th>TZ670 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local user database</td>
<td>150</td>
<td>250</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>Voice over Internet Protocol (VoIP) Certifications (pending)</td>
<td>FIPS 140-2 (with Suite B) Level 2, UC APL, IPv6 (Phase 2), ICSA Network Firewall, ICSA Anti-virus, Common Criteria NDPP (Firewall and IPS)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High availability</td>
<td>Active/Standby with stateful synchronization</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Hardware

<table>
<thead>
<tr>
<th>Form factor</th>
<th>Desktop*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>36W external</td>
</tr>
<tr>
<td>Maximum power consumption (W)</td>
<td>16.84 (TZ270), 18.91 (TZ270W)</td>
</tr>
<tr>
<td>Input power</td>
<td>100 - 240 VAC, 50 - 60 Hz, 3A</td>
</tr>
<tr>
<td>Total heat dissipation (BTU)</td>
<td>57.42 (TZ270), 64.48 (TZ270W)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>3.5x13.5x19 (cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>0.82 kg / 1.81 lbs (TZ270), 0.85 kg / 1.87 lbs (TZ270W)</td>
</tr>
<tr>
<td>WEEE weight</td>
<td>1.18 kg / 2.6 lbs (TZ270), 1.24 kg / 2.73 lbs (TZ270W)</td>
</tr>
<tr>
<td>Shipping weight</td>
<td>1.41 kg / 3.11 lbs (TZ270), 1.47 kg / 3.25 lbs (TZ270W)</td>
</tr>
<tr>
<td>MTBF @25°C in years</td>
<td>51.1 (TZ270), 27.1 (TZ270W)</td>
</tr>
</tbody>
</table>

### Regulatory

<table>
<thead>
<tr>
<th>TZ270 SERIES</th>
<th>TZ370 SERIES</th>
<th>TZ470 SERIES</th>
<th>TZ570 SERIES</th>
<th>TZ670 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major regulatory compliance (wired models)</td>
<td>FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL</td>
<td>FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL</td>
<td>FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL</td>
<td>FCC Class B, FCC, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL/cUL, TUV GS, CB, Mexico DGN notice by UL, WEEE, REACH, BSMI, KCC/MSIP, ANATEL</td>
</tr>
<tr>
<td>Major regulatory compliance (wireless models)</td>
<td>FCC Class B, FCC RF ICES Class B, IC RF CE (R&amp;TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, ANATEL</td>
<td>FCC Class B, FCC RF ICES Class B, IC RF CE (R&amp;TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, ANATEL</td>
<td>FCC Class B, FCC RF ICES Class B, IC RF CE (R&amp;TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, ANATEL</td>
<td>FCC Class B, FCC P15C, FCC P15E, ICES Class B, ISED/IC, CE (RED, RoHS), C-Tick, VCCI Class B, Japan Wireless, UL/cUL, TUV GS, CB, Mexico DGN notice by UL, WEEE, REACH, BSMI, NCC (TW) KCC/MSIP, SRRC, ANATEL</td>
</tr>
</tbody>
</table>
Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services.


VPN throughput measured with UDP traffic using 1418 byte packet size AESG MAC16-256 Encryption adhering to RFC 2544. All specifications, features and availability are subject to change.

For rack mount, separate rack mount kit available.

All TZ integrated wireless models can support either 2.4GHz or 5GHz band. For dual-band support, please use SonicWall’s wireless access point products.

### Regulatory Model Numbers

<table>
<thead>
<tr>
<th>Regulatory Model Numbers</th>
<th>TZ270/270W</th>
<th>TZ370/370W</th>
<th>TZ470/470W</th>
<th>TZ570/TZ570W/TZ570P</th>
<th>TZ670</th>
</tr>
</thead>
<tbody>
<tr>
<td>APL57-100/APL57-101</td>
<td>APL57-100/APL57-101</td>
<td>APL57-0F1/APL57-0F2</td>
<td>APL62-0F7/APL62-0F8/APL63-0F9</td>
<td>APL62-0F7</td>
<td></td>
</tr>
</tbody>
</table>

### Integrated Wireless® (TZ270W/370W/470W/570W ONLY)

#### Standards
802.11a/b/g/n/ac Wave 2, WEP, WPA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, EAP-TTLS

#### Frequency bands
802.11a: 5.180-5.825 GHz; 802.11b/g: 2.412-2.472 GHz; 802.11n: 2.412-2.472 GHz, 5.180-5.825 GHz; 802.11ac: 5.180-5.825 GHz

#### Operating channels
802.11a: US and Canada 12, Europe 11, Japan 4, Singapore4, Taiwan 4; 802.11b/g: US and Canada 1-11, Europe 1-13, Japan (14-802.11b only); 802.11n (2.4 GHz): US and Canada 1-11, Europe 1-13, Japan 1-13; 802.11n (5 GHz): US and Canada 36-48/149-165, Europe 36-48, Japan 36-48/S2-64; 802.11ac: US and Canada 36-48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/S2-64

#### Transmit output power
Based on the regulatory domain specified by the system administrator

#### Transmit power control
Yes

#### Data rates supported
802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps per channel; 802.11b: 1, 2, 5.5, 11 Mbps per channel; 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps per channel; 802.11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7, 96.3, 15, 30, 45, 60, 90, 120, 135, 150 Mbps per channel; 802.11ac: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7, 96.3, 15, 30, 45, 60, 90, 120, 135, 150, 180, 200, 32.5, 65, 97.5, 130, 195, 260, 292.5, 325, 390, 433.3, 65, 130, 195, 260, 390, 520, 585, 650, 780, 866.7 Mbps per channel

#### Modulation technology spectrum
802.11a: Orthogonal Frequency Division Multiplexing (OFDM); 802.11b: Direct Sequence Spread Spectrum (DSSS); 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)/Direct Sequence Spread Spectrum (DSSS); 802.11n: Orthogonal Frequency Division Multiplexing (OFDM); 802.11ac: Orthogonal Frequency Division Multiplexing (OFDM)

1. Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services.
3. VPN throughput measured with UDP traffic using 1418 byte packet size AESGMAC16-256 Encryption adhering to RFC 2544. All specifications, features and availability are subject to change.
4. For rack mount, separate rack mount kit available.
5. All TZ integrated wireless models can support either 2.4GHz or 5GHz band. For dual-band support, please use SonicWall’s wireless access point products.

### Partner Enabled Services

Need help to plan, deploy or optimize your SonicWall solution? SonicWall Advanced Services Partners are trained to provide you with world class professional services. Learn more at: [www.sonicwall.com/PES](http://www.sonicwall.com/PES)
**SonicOS 7.0 Feature Summary**

**Firewall**
- Stateful packet inspection
- Reassembly-Free Deep Packet Inspection
- DDoS attack protection (UDP/ICMP/SYN flood)
- IPv4/IPv6 support
- Biometric authentication for remote access
- DNS proxy
- Full API support
- SonicWall Switch integration
- SD-WAN scalability
- SD-WAN Usability Wizard
- SonicCoreX and SonicOS containerization
- Connections scalability (SPI, DPI, DPI SSL)

**Enhanced dashboard**
- Enhanced device view
- Top traffic and user summary
- Insights to threats
- Notification center

**TLS/SSL/SSH decryption and inspection**
- TLS 1.3 with enhanced security
- Deep packet inspection for TLS/SSL/SSH
- Inclusion/exclusion of objects, groups or hostnames
- SSL control
- Enhancements for DPI-SSL with CFS
- Granular DPI SSL controls per zone or rule

**Capture advanced threat protection**
- Real-Time Deep Memory Inspection
- Cloud-based multi-engine analysis
- Virtualized sandboxing
- Hypervisor level analysis
- Full system emulation
- Broad file type examination
- Automated and manual submission
- Real-time threat intelligence updates
- Block until verdict
- Capture Client

**Anti-malware**
- Stream-based malware scanning
- Gateway anti-virus
- Gateway anti-spyware
- Bi-directional inspection
- No file size limitation
- Cloud malware database

**Application identification**
- Application control
- Application bandwidth management
- Custom application signature creation
- Data leakage prevention
- Application reporting over NetFlow/IPFIX
- Comprehensive application signature database

**Traffic visualization and analytics**
- User activity
- Application/bandwidth/threat usage
- Cloud-based analytics

**HTTP/HTTPS Web content filtering**
- URL filtering
- Proxy avoidance
- Keyword blocking
- Policy-based filtering (exclusion/inclusion)
- HTTP header insertion
- Bandwidth manage CFS rating categories
- Unified policy model with app control
- Content Filtering Client

**VPN**
- Secure SD-WAN
- Auto-provision VPN
- IPSec VPN for site-to-site connectivity
- SSL VPN and IPSec client remote access
- Redundant VPN gateway

**Mobile Connect for iOS, Mac OS X, Windows, Chrome, Android and Kindle Fire**

**Networking**
- PortShield
- Path MTU discovery
- Enhanced logging
- VLAN trunking
- Port mirroring (NSa 2650 and above)
- Layer-2 QoS
- Port security
- Dynamic routing (RIP/OSPF/BGP)
- SonicWall wireless controller
- Policy-based routing (ToS/metric and ECMP)
- NAT
- DHCP server
- Bandwidth management
- A/P high availability with state sync
- Inbound/outbound load balancing
- High availability - Active/Standby with state sync
- L2 bridge, wire/virtual wire mode, tap mode, NAT mode
- Asymmetric routing
- Common Access Card (CAC) support

**VoIP**
- Granular QoS control
- Bandwidth management
- DPI for VoIP traffic
- H.323 gatekeeper and SIP proxy support

**Management, monitoring and support**
- Capture Security Appliance (CSa) support
- Capture Threat Assessment (CTA) v2.0
- New design or template
- Industry and global average comparison
- New UI/UX, Intuitive feature layout
- Dashboard
- Device information, application, threats
- Topology view
- Simplified policy creation and management
Learn more about SonicWall
Gen 7 TZ Series

www.sonicwall.com/TZ

About SonicWall
SonicWall delivers Boundless Cybersecurity for the hyper-distributed era and a work reality where everyone is remote, mobile and unsecure. By knowing the unknown, providing real-time visibility and enabling breakthrough economics, SonicWall closes the cybersecurity business gap for enterprises, governments and SMBs worldwide. For more information, visit www.sonicwall.com.

Datasheet-TZSeries-Gen7-US-JK-6016