

# WHY UPGRADE TO GEN 7 TZ FROM GEN 6 TZ SERIES

## QUICK GLANCE



Specification	SOHO 250	TZ270	TZ350	TZ370	TZ400	TZ470
<b>Multi-gig interfaces &amp; port density</b>	5x1GbE	8x1GbE	5x1GbE	8x1GbE	7x1GbE	8x1GbE, 2x2.5GbE
<b>Expandable storage &amp; redundant power supply</b>						
Expandable storage	No	Up to 256 GB	No	Up to 256 GB	No	Up to 256 GB
Redundant power	No	No	No	No	No	No
<b>Performance</b>						
Firewall inspection	600 Mbps	2 Gbps	1 Gbps	3 Gbps	1.3 Gbps	3.5 Gbps
DPI performance	200 Mbps	750 Mbps	335 Mbps	1 Gbps	600 Mbps	1.5 Gbps
IPSec VPN	200 Mbps	750 Mbps	430 Mbps	1.3 Gbps	900 Mbps	1.5 Gbps
<b>Maximum connections</b>						
per second	3,000	6,000	6,000	9,000	6,000	12,000
SPI	50,000	750,000	100,000	900,000	150,000	1,000,000
DPI	50,000	150,000	90,000	200,000	125,000	250,000
DPI-SSL	25,000	25,000	25,000	30,000	25,000	35,000
<b>SSO users</b>	350	1,000	500	1,000	500	2,500
<b>Site-to-site VPN tunnels</b>	10	50	15	100	20	150
<b>VLAN interfaces</b>	25	64	25	128	50	128
<b>WiFi technology, Number of access points supported</b>	802.11n, 4	802.11ac Wave 2, 16	802.11 ac Wave 1, 8	802.11ac Wave 2, 16	802.11ac Wave 1, 16	802.11ac Wave 2, 32
<b>SonicOS 7.0</b>	No	Yes	No	Yes	No	Yes
<b>5G USB modem</b>	No	Yes	No	Yes	No	Yes

# WHY UPGRADE TO GEN 7 TZ FROM GEN 6 TZ SERIES

## QUICK GLANCE



Specification	TZ500	TZ570	TZ600	TZ670
<b>Multi-gig interfaces &amp; port density</b>	8x1GbE	8x1GbE, 2x5GbE	10x1GbE	8x1GbE, 2x10GbE
<b>Expandable storage &amp; redundant power supply</b>				
Expandable storage	No	Up to 256 GB	No	Up to 256 GB (32GB included)
Redundant power	No	Yes	No	Yes
<b>Performance</b>				
Firewall inspection	1.4 Gbps	4 Gbps	1.9 Gbps	5 Gbps
DPI performance	700 Mbps	2 Gbps	800 Mbps	2.5 Gbps
IPSec VPN	1 Gbps	1.8 Gbps	1.1 Gbps	2.1 Gbps
<b>Maximum connections</b>				
per second	8,000	16,000	12,000	25,000
SPI	150,000	1,250,000	150,000	1,500,000
DPI	125,000	400,000	125,000	500,000
DPI-SSL	25,000	30,000	25,000	30,000
<b>SSO users</b>	500	2,500	500	2,500
<b>Site-to-site VPN tunnels</b>	25	200	50	250
<b>VLAN interfaces</b>	50	256	50	256
<b>WiFi technology, Number of access points supported</b>	802.11ac Wave 1, 16	802.11ac Wave 2, 32	No, 24	No, 32
<b>SonicOS 7.0</b>	No	Yes	No	Yes
<b>5G USB modem</b>	No	Yes	No	Yes

## 10 REASONS TO UPGRADE

### 1. Multi-gigabit support in desktop form factor, fiber interface and high port density

- **Benefit:** Organizations that require increased throughput to support bandwidth-intensive applications and data transfer need multi-gigabit ports. Multi-gig firewalls work seamlessly with SonicWave APs and SonicWall Switches to deliver end-to-end multi-gigabit performance. In addition, having greater number of ports allows organizations to connect more devices directly to the firewall.
- **Difference:** The TZ470/570/670 series next-generation firewalls are the first desktop form factor to bring multi-gigabit (2.5/5/10G) interfaces or fiber (SFP+, SFP) interfaces, while the rest support only gigabit interfaces. Gen 7 TZs supports a minimum of 8 ports while Gen 6 supports 5.

### 2. Superior hardware upgrades with expandable storage and redundant power supply

- **Benefit:** Gen 7 TZs come with an expandable storage that enables various features including logging, reporting, caching, firmware backup and more. Secondary power supply is available for redundancy in case of failure, providing business continuity.
- **Difference:** TZ570/670 series come with an expandable storage slot on the bottom of the device that provides the ability to expand up to 256GB, while Gen 6 does not. TZ670 comes preloaded with 32GB expandable storage and TZ570/670 series firewalls support two AC power supplies for redundancy. The optional redundant power supply is available for purchase, while other models excluding the TZ570/670 series, support just one power supply.

### 3. Groundbreaking firewall inspection, DPI performance and IPSec VPN performance

- **Benefit:** With increased network bandwidth requirements from IT trends such as apps, HD video streaming and social media, faster firewall inspection, DPI and IPSec VPN performance provides a secure network without performance degradation. Having a faster firewall performance provides organizations with a greater capacity to utilize higher internet speeds and support more concurrent and remote users.
- **Difference:** Gen 7 TZs offer up to 4 times firewall, DPI and IPSec VPN performance over Gen 6 firewalls.

### 4. Scale higher with increased connection count (per second, SPI, DPI, DPI-SSL)

- **Benefit:** Having a higher number of concurrent connections provides greater scalability by enabling more simultaneous user sessions to be active and tracked by the firewall.
- **Difference:** Gen 7 TZs offer up to 15 times maximum connections over Gen 6 firewalls.

### 5. More single sign-on (SSO) users

- **Benefit:** The single sign-on feature improves employee productivity and reduces IT support costs by enabling users to gain access to connected systems with a single ID and password.
- **Difference:** Gen 7 firewalls allows up to 5 times more SSO users than Gen 6 series to benefit from the use of single sign-on.

### 6. Increased VPN connectivity

- **Benefit:** For organizations with remote and branch locations such as Retail POS businesses, the ability to create a larger number of site-to-site VPN tunnels to connect distributed networks together and securely share data is essential.
- **Difference:** Gen 7 offers up to 8 times more site-to-site VPN tunnels than Gen 6 firewalls.

### 7. High VLAN interfaces

- **Benefit:** VLANs support the logical grouping of network devices, reduce broadcast traffic and allow more control when implementing security policies. It provides logical separation of devices on the same network. High VLAN interfaces signify better segmentation and performance for organizations.
- **Difference:** Gen 7 TZ series offers up to 5 times more VLAN interfaces than Gen 6 TZ series.

## 8. 802.11ac Wave 2 technology with increase in max number of access points supported

- **Benefit:** The latest 802.11ac Wave 2 technology enhances WiFi user experience by supporting MU-MIMO technology. Integrated WiFi option enables organizations to extend their wireless network farther without purchasing additional hardware. Alternatively, high number of APs supported by the firewall provide better scalability of the WiFi network.
- **Difference:** Gen 7 TZs with the exception of TZ670, offers integrated 802.11ac Wave 2 support while Gen 6 supports only 802.11ac Wave 1 or 802.11n technologies. Gen 7 TZs support up to 4 times more number of access points over Gen 6 series.

## 9. Brand-new SonicOS 7.0 support

- **Benefit:** The feature-rich SonicOS 7.0 operating system features modern UI/UX, topology view, enhanced policy, advanced security, networking and management capabilities, along with TLS 1.3 and default support for BGP routing without the need for additional license.
- **Difference:** SonicOS 7.0 support is available on Gen 7 series and not available on Gen 6 series. Gen 6 series require an additional expanded license to be purchased to enable BGP support while the Gen 7 include BGP support as default with every firewall purchase. Stateful HA support is available on Gen 7 TZs and not available on Gen 6 TZ series.

## 10. 5G USB Modem Support

- **Benefit:** USB 3.0 port could be used to plug in a 5G dongle for 5G connectivity. It is also backward compatible with 4G/LTE/3G technologies with the use of corresponding dongles.
- **Difference:** 5G technology support is available on Gen 7 TZ series and not available on Gen 6 TZ series.

## 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](http://www.sonicwall.com).