

11 REASONS TO PURCHASE AN NSA 2650 OVER A TZ500 OR TZ600

Quick Glance



Feature	TZ 500	TZ600	NSA 2650
Memory (RAM)	1 GB	1 GB	4 GB
1 GbE interfaces	8	10	12
2.5 GbE interfaces	0	0	8
Dedicated management interface	0	0	1 GbE
Maximum connections			
per Second	8,000/sec	12,000/sec	15,000/sec
SPI	125,000	150,000	1,000,000
DPI	100,000	125,000	125,000
DPI SSL	750	750	13,500
SSO users	500	500	40,000
VLANs	50	50	256
Site-to-site VPNs	25	50	1,000
Form factor	Desktop	Desktop	Rack mount
Storage module	None	None	Pre-populated 16 GB
Redundant power	None	None	Optional
Access points supported	16	24	48

1. More onboard memory

- **The Benefit:** Increased onboard memory allows for more rules/policies, users and log messages to be stored on the firewall.
- **The Difference:** The NSA 2650 has 4x the onboard memory of the TZ500 and TZ600 (4 GB vs. 1 GB).

2. Higher port density

- **The Benefit:** Having a greater number of ports allows organizations to connect more SonicWall devices directly to the firewall without needing to purchase a switch. The NSA 2650 also has eight 2.5 GbE ports for organizations that require increased throughput to support bandwidth-intensive applications and data transfer.
- **The Difference:** The NSA 2650 has over twice the number of ports as the TZ500 (20 vs. 8) and double the number of ports as the TZ600 (20 vs. 10). The NSA 2650 also features eight 2.5 GbE ports while the TZ500/TZ600 have none.

3. Dedicated management interface

- **The Benefit:** The dedicated management interface provides additional security by separating management traffic from other network traffic.
- **The Difference:** The NSA 2650 includes a dedicated 1 GbE management interface not included with the TZ500/TZ600.

4. More concurrent connections

- **The 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.
- **The Difference:** The NSA 2650 enables a much larger number of concurrent connections per second plus deep packet inspection and deep packet inspection of TLS/SSL-encrypted connections compared to the TZ500/TZ600.

5. More single sign-on (SSO) users

- **The Benefit:** Single sign-on improves employee productivity and reduces IT support costs by enabling users to gain access to connected systems with a single ID and password.
- **The Difference:** The NSA 2650 allows a dramatically larger population of users (40,000 vs. 500) to benefit from the use of single sign-on.

6. Additional virtual LANs (VLANs)

- **The Benefit:** The ability to create a greater number of VLANs enables organizations to segment users and devices into additional groups, improving performance and security while reducing hardware costs.
- **The Difference:** The NSA 2650 provides the ability to create 5x the number of VLANs as the TZ500/TZ600 (256 vs. 50).

7. More site-to-site VPN tunnels

- **The 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.
- **The Difference:** The NSA 2650 enables the creation of 40x the number of site-to-site VPN tunnels as the TZ500 (1,000 vs. 25) and 20x that of the TZ600 (1,000 vs. 50).

8. Rack mount form factor

- **The Benefit:** Organizations looking to mount their appliances in a rack must purchase a rack mount kit for the TZ500/TZ600 while the NSA 2650 is directly rack mountable.
- **The Difference:** The NSA 2650 is a 1U rack mountable appliance whereas the TZ500/TZ600 are desktop appliances that require the purchase of a rack mount kit.

9. Onboard storage

- **The Benefit:** Having an onboard module enables local storage of logs, reports, last signature updates, backup and restores and more.
- **The Difference:** The NSA 2650 includes an expansion slot that is pre-populated with a 16 MB storage module. The TZ500/600 do not include a local storage module.

10. Redundant power

- **The Benefit:** In the event of potential failure, having a redundant power supply enables business continuity.
- **The Difference:** The NSA 2650 includes a single AC power supply, with the option to add a second AC power supply for redundancy. The TZ500/600 do not provide the ability to add a second power supply.

11. Support for a greater number of SonicWave 802.11ac Wave 2 wireless access points

- **The Benefit:** The option to connect a larger number of wireless access points to a single firewall enables organizations to extend their wireless network farther without purchasing additional hardware.
- **The Difference:** The NSA 2650 supports a greater number of connected SonicWave wireless access points than the TZ500/TZ600 (48 vs. 16 and 24).

About Us

SonicWall has been fighting the cyber-criminal industry for over 25 years, defending small, medium size businesses and enterprises worldwide. Our combination of products and partners has enabled a real-time cyber defense solution tuned to the specific needs of the more than 500,000 global businesses in over 150 countries, so you can do more business with less fear.