

10 REASONS TO UPGRADE TO AN NSA 2650 FROM AN NSA 2600



Quick Glance

Feature	NSA 2600	NSa 2650
Maximum connections		
SPI	500,000	1,000,000
DPI	250,000	500,000
DPI SSL	1,000	18,000
TLS/SSL decryption and inspection (DPI SSL) performance	200 Mbps	250 Mbps
Deep packet inspection (DPI) performance	300 Mbps	600 Mbps
SSO users	30,000	40,000
Memory (RAM)	2 GB	4 GB
Total interfaces	8	20
2.5 GbE interfaces	0	8
Site-to-site VPNs	250	1,000
Storage module	None	Pre-populated 16 GB
Access points supported	32	48
Redundant power supply	–	✓ (One included)

1. 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 enable a much larger number of deep packet inspection and deep packet inspection of TLS/SSL-encrypted connections compared to the NSA 2600.

2. Faster DPI scanning of TLS/SSL-encrypted traffic

- **The Benefit:** Scanning of TLS/SSL-encrypted traffic (DPI SSL) is CPU intensive and can slow down network performance. Faster DPI scanning of encrypted traffic enables organisations to have greater network performance and utilization.
- **The Difference:** The NSa 2650 delivers a 25% DPI SSL performance improvement over the NSA 2600.

3. Faster Deep Packet Inspection (DPI) performance

- **The Benefit:** With increased network bandwidth requirements from IT trends such as apps, HD video streaming and social media, a faster DPI performance firewall provides a secure network without performance degradation. Having a faster DPI performance firewall provides organisations with a greater capacity to utilize higher internet speeds and support more concurrent users.
- **The Difference:** The NSa 2650 offers significantly faster DPI performance than the NSA 2600 (up to 2x).

4. 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 larger population of users (40,000 vs. 30,000) to benefit from the use of single sign-on.

5. 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 twice the onboard memory of the NSA 2600 (4 GB vs. 2 GB).

6. Higher port density

- **The Benefit:** Having a greater number of ports allows organisations to connect more SonicWall devices directly to the firewall without needing to purchase a switch. In addition, organisations that require increased throughput to support bandwidth-intensive applications and data transfer need multi-gigabit ports.
- **The Difference:** The NSa 2650 has 2.5x the number of ports as the NSA 2600 (20 vs. 8). The NSa 2650 also features eight 2.5 GbE ports while the NSA 2600 has none.

7. More site-to-site VPN tunnels

- **The Benefit:** For organisations 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 4x more site-to-site VPN tunnels than the NSA 2600 (1,000 vs. 250).

8. Onboard storage

- **The Benefit:** Having an onboard module enables local storage of logs, reports, last signature updates, firmware backup and restores and more.
- **The Difference:** The NSa 2650 includes an expansion slot that is pre-populated with a 16 GB storage module. The NSA 2600 does not include a local storage module.

9. 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 organisations to extend their wireless network farther without purchasing additional hardware.
- **The Difference:** The NSa 2650 supports 1.5x the number of connected SonicWave wireless access points as the NSA 2600 (48 vs. 32).

10. Redundant power

- **The Benefit:** Having a second power supply enables business continuity in case one power supply fails.
- **The Difference:** While the NSa 2650 and NSA 2600 both include a single power supply, the NSa 2650 has an additional slot to add an optional second power supply for redundancy.



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